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Periodic Monitoring Report for Pajarito Watershed, October 7–October 23, 2010

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NATIONAL LABORATORY
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Prepared by the Environmental Programs Directorate

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May 2011

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EXECUTIVE SUMMARY

This periodic monitoring report (PMR) provides the results of the periodic monitoring event (PME) conducted by Los Alamos National Laboratory in the Pajarito Watershed. This PME was conducted pursuant to the 2010 Interim Facility-Wide Groundwater Monitoring Plan, prepared in accordance with the Compliance Order on Consent.

The PME documented in this report occurred from October 7 to October 23, 2010, and included monitoring of groundwater wells or well ports, springs, and base-flow stations. This report also includes any results from previous PMEs that were unreported in their respective PMRs because validated laboratory data were not available (in some cases because of data release agreements). Any additional results from sampling that occurred outside the time frame of the current PME are also included in this report.

Water samples collected during this PME were analyzed for target analyte list metals, volatile organic compounds, cyanide, semivolatile organic compounds, pesticides, polychlorinated biphenyls, high explosives, radionuclides, low-level tritium, inorganic chemicals, perchlorate, stable isotopes, and field parameters (alkalinity, dissolved oxygen, pH, specific conductance, temperature, and turbidity).

No results from previous PME surface-water samples are reported in this PMR. One result from surface-water samples collected during this PME was above screening levels.

No groundwater results from previous PME samples reported in this PMR were above screening levels. Fourteen results from groundwater samples collected during this PME were above screening levels.

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Acronyms and Abbreviations

AQA	Analytical Quality Associates, Inc.
BCG	Biota Concentration Guide (DOE)
CAS	Chemical Abstracts Service
cfs	cubic feet per second
Consent Order	Compliance Order on Consent
DCG	Derived Concentration Guide (DOE)
DOE	Department of Energy (U.S.)
DW	drinking water
EPA	Environmental Protection Agency (U.S.)
F	filtered
GW	groundwater
IFGMP	Interim Facility-Wide Groundwater Monitoring Plan
LANL	Los Alamos National Laboratory
LVL	level
MCL	maximum contaminant level (EPA)
MDA	material disposal area
MDL	method detection limit
NMED	New Mexico Environment Department
NMWQCC	New Mexico Water Quality Control Commission
NTU	nephelometric turbidity unit(s)
PME	periodic monitoring event
PMR	periodic monitoring report
PQL	practical quantitation limit
QC	quality control
RPF	Records Processing Facility
SCRN	screening
SOP	standard operating procedure
STD	standard
SU	standard unit
TA	technical area
UF	unfiltered

1.0 INTRODUCTION

This periodic monitoring report (PMR) provides documentation of quarterly groundwater and surface-water monitoring conducted by Los Alamos National Laboratory (LANL or the Laboratory) in the Pajarito Watershed pursuant to the Interim Facility-Wide Groundwater Monitoring Plan (IFGMP) (LANL 2010, 109830) prepared in accordance with the Compliance Order on Consent (Consent Order). This periodic monitoring event (PME) occurred from October 7 to October 23, 2010, and included sampling at groundwater wells or well ports, springs, and base-flow stations. This report also includes any results from previous PMEs that were unreported in their respective PMRs because validated laboratory data were not available (in some cases because of data release agreements). Any additional results from sampling that occurred outside the time frame of the current PME are also included in this report.

Sections VIII.A and VIII.C of the Consent Order identify New Mexico Water Quality Control Commission (NMWQCC) groundwater and surface-water standards, including alternative abatement standards and U.S. Environmental Protection Agency (EPA) drinking water maximum contaminant levels (MCLs), as cleanup levels for groundwater when corrective action is implemented. NMWQCC groundwater standards, MCLs, and EPA regional screening levels for tap water are used as screening levels for monitoring data and are provided in this report.

This report presents the following information:

- general background information on the watershed
- field-measurement monitoring results
- water-quality monitoring results
- screening analysis results (comparing these PME results with screening levels and results from previous reports)
- a summary based on the data and the screening analysis

Information on radioactive materials and radionuclides, including the results of sampling and analysis of radioactive constituents, is voluntarily provided to the New Mexico Environment Department (NMED) in accordance with U.S. Department of Energy (DOE) policy.

1.1 Background

Pajarito Canyon is located on the Pajarito Plateau in the central part of the Laboratory. The Pajarito Canyon Watershed is approximately 13 mi^2 and heads in the Santa Fe National Forest, approximately 2.9 mi (4.6 km) west of the Laboratory boundary at an elevation of approximately 10,434 ft (3180 m). Pajarito Canyon trends east-southeast across both the Laboratory and Los Alamos County. It discharges into the Rio Grande in White Rock Canyon at an elevation of 5422 ft (1653 m). Twomile and Threemile canyons are major tributaries that join Pajarito Canyon approximately 7.3 mi (11.7 km) and 4.9 mi (9.3 km), respectively, upstream of the Rio Grande.

The primary Laboratory use of the Pajarito Watershed has been as the canyon-floor location for the Los Alamos Critical Experiments Laboratory at Technical Area 18 (TA-18) and for mesa-top surface and subsurface Material Disposal Areas (MDAs) F and Q at TA-06, M at TA-09, and G, H, J, and L at TA-54.

The technical areas located within this watershed include TA-03, TA-06, TA-07, TA-08, TA-09, TA-14, TA-15, TA-18, TA-22, TA-23, TA-36, TA-40, TA-46, TA-48, TA-50, TA-54, TA-55, TA-58, TA-59, TA-64, TA-65, TA-66, TA-67, and TA-69. The contaminant release history from approximately 379 solid waste management units and areas of concern includes releases or possible releases from outfalls, septic

systems, spills, open detonations from firing sites, and MDAs. Laboratory-related contamination has been detected in Pajarito Canyon water samples collected from perennial and ephemeral streams, alluvial groundwater, and springs supplied by intermediate groundwater from the Bandelier Tuff.

Other uses within the watershed area include surface and subsurface MDAs and a buffer zone for mesa-top firing activities. To a lesser extent, the canyon has been used for liquid waste disposal. The early discharges were associated with outfalls, surface runoff, and dispersion from firing sites located at TA-06, TA-07, TA-08, TA-09, TA-12 (former), TA-15, TA-18, TA-22, TA-27 (former), and TA-69. Additional discharges began with the continued expansion of Laboratory operations to new sites from the 1950s to the 1970s, specifically TA-03, TA-36, TA-40, TA-48, and TA-59. Discharges to Pajarito Canyon and its tributaries have decreased as fewer firing sites within the watershed remain active during the past decades, and many outfalls have either been rendered inactive or rerouted to the Laboratory's sanitary waste treatment facility at TA-46 during the 1980s and 1990s.

2.0 SCOPE OF ACTIVITIES

The PME for the Pajarito Watershed was conducted pursuant to the 2010 IFGMP (LANL 2010, 109830).

Table 2.0-1 provides the location name, sample collection date, port name, port depth, screened interval, top and bottom screen depths, and base flow for each of the monitored locations. These locations are shown in Figure 2.0-1.

3.0 MONITORING RESULTS

3.1 Methods and Procedures

All methods and procedures used to perform the field activities associated with the PME are documented in the 2010 IFGMP (LANL 2010, 109830).

3.2 Field Parameter Results

Appendix A contains the field parameter results for this PME and for the four previous PMEs.

3.3 Water-Level Observations

The periodic monitoring water-level data for this event and the previous four monitoring events are presented in Appendix B (on CD included with this document). For wells equipped with transducers, the reported water level is the water-level measurement taken earliest on the day of sampling. All manual measurements are reported at the time immediately before sampling. The water-level measurements taken during these PMEs are shown graphically on Plate 1. Similarly, base-flow measurements are shown graphically in Figure 3.3-1.

3.4 Deviations from Planned Scope

Table 3.4-1 describes the fieldwork deviations from the planned scope of the PMEs. Table 3.4-2 presents a list of analytes for which the practical quantitation limits (PQLs) and method detection limits (MDLs) are greater than screening levels.

4.0 ANALYTICAL DATA RESULTS

4.1 Methods and Procedures

All methods and procedures used to perform the analytical activities of the PMEs are documented in the 2010 IFGMP (LANL 2010, 109830). Purge water is managed and characterized in accordance with waste profile form 39268, a copy of which was included in Appendix F of a previous PMR (LANL 2008, 103737), and ENV-RCRA-QP-010.2, Land Application of Groundwater. ENV-RCRA-QP-010.2 implements the NMED-approved Notice of Intent Decision Tree for land application of drilling, development, rehabilitation, and sampling purge water.

All sampling, data reviews, and data package validations were conducted using standard operating procedures (SOPs) that are part of a comprehensive quality assurance program. The quality program and procedures are available at http://www.lanl.gov/environment/all/qa.shtml. Completed chain-of-custody forms serve as an analytical request form and include the requester or owner, sample number, program code, date and time of sample collection, total number of bottles, list of analytes to be measured, bottle sizes, and preservatives for each required analysis.

The required analytical laboratory batch quality control (QC) is defined by the analytical method, the analytical statement of work, and generally accepted laboratory practices. The analytical laboratory assigns qualifiers to the data to indicate the quality of the analytical results. The laboratory batch QC was used in the secondary data-validation process to evaluate the quality of individual analytical results, evaluate the appropriateness of the analytical methodologies, and measure the routine performance of the analytical laboratory.

In addition to batch QC performed by laboratories, the Laboratory submitted field QC samples to test the overall sampling and analytical laboratory process and to spot-check for analytical problems. These results were used in secondary validation along with information provided by the analytical laboratory.

After the Laboratory receives the analytical laboratory data packages, the packages receive secondary validation by an independent contractor, Analytical Quality Associates, Inc. (AQA). AQA's reviews follow the guidelines set in the DOE model SOP for data validation, which includes reviewing the data quality and the documentation's correctness and completeness, verifying that holding times were met, and ensuring that analytical laboratory QC measures were applied, documented, and kept within contract requirements. As a result of secondary validation, a second set of qualifiers was assigned to the analytical results.

The Laboratory assigns detection status to the analytical result based on the analytical laboratory and secondary validation qualifiers. A "<" symbol indicates that, based on the qualifiers, the result was a nondetect.

4.2 Analytical Data

Appendix C presents the analytical data from this PME and from the four sampling events immediately before the October 2010 sampling event. The analytical laboratory reports (including chain-of-custody forms and data validation) are provided in Appendix F (on CD included with this document).

Appendix C contains all data collected during the PME (i.e., all data that have been independently reviewed for conformance with Laboratory requirements) with the following constraints.

- All data
    - ❖ Data that are R-qualified (rejected because of noncompliance regarding QC acceptance criteria) during independent validation are considered unusable but are still reported.
    - ❖ Analytical laboratory QC results, including matrix spike and matrix spike duplicates, are not included in the data set.
    - ❖ Field duplicates, reanalyses, field blanks, trip blanks, equipment blanks, and results from different analytical methods are reported.
- Radionuclides
    - ❖ Only cesium-137, cobalt-60, neptunium-237, potassium-40, and sodium-22 are reported (or analyzed) for the gamma spectroscopy suite.
    - ❖ Americium-241 and uranium-235 are reported only by chemical separation alpha spectroscopy. No gamma spectroscopy results are presented for these analytes.
    - ❖ Low-detection-limit tritium results greater than 3 times the 1 standard deviation total propagated analytical uncertainty are considered to be detections.
    - ❖ Otherwise, all results are reported at all locations.
- Nonradionuclides
    - ❖ All results, excluding nondetections, are reported.

The results of data screening for this PMR appear in Tables D-1 through D-9 in Appendix D. These tables show all detected analytical results for perchlorate, radionuclides, and organic compounds and all analytical results greater than half the lowest applicable screening-level values for metals and general inorganic compounds. Because uranium, gross alpha, and gross beta are usually detected in water samples and to focus on the higher measurements, the tables include only occurrences of these measurements above threshold values. (All of the detected results are included in Appendix C.) The threshold levels are 5 µg/L for uranium, 5 pCi/L for gross alpha, and 20 pCi/L for gross beta, which are lower than the respective screening levels (30 µg/L for uranium, 15 pCi/L for gross alpha, and 50 pCi/L for gross beta). The sources of screening levels with which the results are compared are listed in Table 4.2-1.

Data for PMRs are evaluated using the following screening process.

- Surface-water sampling results were compared with all surface-water standards without consideration of the designated use for the particular reach.
- Surface-water and groundwater perchlorate data were compared with the screening level of 4 µg/L established in Section VIII.A.1.a of the Consent Order.
- Other groundwater data are screened to the lesser of the EPA MCL or the NMWQCC groundwater standard for an analyte.
- The NMWQCC groundwater standards apply to the dissolved (filtered) portion of specified contaminants; however, the standards for mercury, organic compounds, and nonaqueous-phase liquids apply to the total unfiltered concentrations of the contaminants. EPA MCLs are applied to both filtered and unfiltered sample results.

- As required by the Consent Order, EPA Regional Screening Levels for Tap Water (formerly Region 6 Screening Levels for Tap Water) are used for constituents that have no other regulatory standard and for which toxicological information is published. These screening levels are for either a cancer- or noncancer-risk type. For the cancer-risk type, the EPA screening levels are for 10^{-6} excess cancer risk. The Consent Order specifies screening with these values at a 10^{-5} (rather than 10^{-6}) excess cancer risk. Therefore, the screening levels in the tables are 10 times the EPA 10^{-6} screening values.
- The analytical results for radioactivity are compared with the DOE Biota Concentration Guides (BCGs) for surface water and Derived Concentration Guides (DCGs) for groundwater.

Table 4.2-2 provides surface-water and groundwater analytical results (by hydrogeologic zone for a specific analytical suite) that are above screening levels. Multiple detections of a particular constituent at a location were counted as one result. For example, if aluminum is detected above a screening level in both a primary sample and a field duplicate, only the highest result is shown.

Graphs in Appendix E display concentration histories of analytes for locations where the analyte was above its screening level at least once during the three most recent PMEs. The concentration of the analyte is plotted for a 3-yr period. If 3 yr of data are not available, then all available results for the analyte are plotted. When shown, the solid red lines depict applicable screening levels.

Figures 4.2-1 and 4.2-2 show concentrations at all locations from the current PME for analytes that exceeded their screening level at more than one sampling location. For example, filtered iron was above the NMWQCC groundwater screening level at several wells, so all available iron values from the current PME are shown in addition to the screening-level exceedances, which are displayed in yellow boxes.

4.2.1 Surface Water (Base Flow)

No results from previous PME surface-water samples are reported in this PMR.

For the current PME the filtered aluminum concentration of 252 µg/L at location Pajarito below confluences of South and North Anchor East Basin was above the NMWQCC Aquatic Life Chronic Standard screening level of 87 µg/L, which applies in this perennial reach. Earlier concentrations for filtered aluminum at this location measured since 2006 ranged from 185 µg/L to 3840 µg/L.

4.2.2 Groundwater

No results from previous PME groundwater samples reported in this PMR were above screening levels.

For the current PME the filtered iron and manganese results at alluvial well PCAO-5 are above their respective NMWQCC groundwater standard screening levels (both applicable to domestic water supply). The iron concentration of 12,200 µg/L was above the 1000 µg/L NMWQCC groundwater standard screening level, and the manganese concentration of 8350 µg/L was above the 200 µg/L NMWQCC groundwater standard screening level. Past filtered iron concentrations from sampling events that began in 2008 range from 722 µg/L to 36,400 µg/L. The previous filtered manganese concentrations range from 6040 µg/L to 17,500 µg/L.

At intermediate well 03-B-13, the filtered aluminum concentration of 9620 µg/L was above the 5000 µg/L NMWQCC groundwater standard screening level (which is for irrigation use). Past filtered aluminum concentrations from sampling events that began in 2006 range from 81 µg/L to 35,600 µg/L. The filtered iron concentration of 5940 µg/L was above the 1000 µg/L NMWQCC groundwater standard screening level (applicable to domestic water supply). Past filtered iron concentrations range from 94.7 µg/L to

21,300 µg/L. The unfiltered lead concentration of 21.8 µg/L was above the 15 µg/L EPA drinking water system action level. Past unfiltered lead concentrations range from 0.57 µg/L to 23.5 µg/L.

The filtered iron and manganese results at the 650-ft intermediate screen at R-40 are above their respective NMWQCC groundwater standard screening levels. The iron concentration of 1190 µg/L was above the 1000 µg/L NMWQCC groundwater standard screening level, and the manganese concentration of 340 µg/L was above the 200 µg/L NMWQCC groundwater standard screening level. Past filtered iron concentrations from sampling events that began in 2009 range from 150 µg/L to 1420 µg/L. The previous filtered manganese concentrations range from 106 µg/L to 398 µg/L.

The filtered antimony concentration at the 751-ft intermediate screen at R-40 of 9.26 µg/L was above the 6 µg/L EPA MCL screening level. This is the highest result measured; earlier filtered results from this screen range from 0.6 µg/L to 8.64 µg/L.

The unfiltered dioxane[1,4-] concentration of 64.9 µg/L at intermediate well 03-B-13 was above the 6.7 µg/L EPA tap water screening level. This screening level was revised in November 2010; the earlier value was 61 µg/L. Past concentrations from sampling events since 2006 range from 10.2 µg/L to 919 µg/L. The unfiltered trichloroethane[1,1,1-] concentration of 109 µg/L at 03-B-13 was above the 60 µg/L NMWQCC groundwater standard screening level. Past concentrations range from 39.9 µg/L to 317 µg/L. The unfiltered dichloroethene[1,1-] concentration of 13.9 µg/L at 03-B-13 was above the 5 µg/L NMWQCC groundwater standard screening level. Past concentrations range from 0.94 µg/L to 19.4 µg/L.

The nitrate (plus nitrite as nitrogen) result of 793 mg/L at the 1413-ft screen of regional aquifer well R-19 was above the 10 mg/L NMWQCC groundwater standard screening level. The nitrate concentration is much above the 135 mg/L total dissolved solids for this sample. The nitrate (plus nitrite as nitrogen) concentration at this screen is generally about 0.35 mg/L. The result from the current PME is from the accidental preservation of the sample with nitric acid instead of sulfuric acid.

Filtered iron and manganese results at the 830 ft regional aquifer screen at R-54 are above their respective NMWQCC groundwater standard screening levels (both applicable to domestic water supply). The iron concentration of 3850 µg/L was above the 1000 µg/L NMWQCC groundwater standard screening level, and the manganese concentration of 280 µg/L was above the 200 µg/L NMWQCC groundwater standard screening level. These are the highest results measured at this screen. Iron concentrations for three earlier samples were between 133 µg/L and 1940 µg/L, and manganese results were between 42.1 µg/L and 216 µg/L.

4.3 Sampling Program Modifications

No modifications to the periodic monitoring sampling for the Pajarito Watershed are proposed at this time.

5.0 SUMMARY

5.1 Monitoring Results

The field parameter monitoring results are presented in Appendix A.

5.2 Analytical Results

5.2.1 Surface Water (Base Flow)

No results from previous PME surface-water samples are reported in this PMR. One result from surface-water samples collected during this PME was above screening levels (Table 4.2-2).

For results above screening levels, the types of contaminants detected and their concentrations are consistent with data reported from previous monitoring events in this watershed.

5.2.2 Groundwater

No groundwater results from previous PME samples reported in this PMR were above screening levels. Fourteen results from groundwater samples collected during this PME were above screening levels (Table 4.2-2).

For results above screening levels, except for the highest filtered antimony concentration at the 751-ft intermediate screen at R-40, highest filtered iron and manganese concentrations at the 830-ft regional aquifer screen at R-54, and nitrate (plus nitrite as nitrogen) concentration resulting from improper sample preservation at the 1413-ft screen of regional aquifer well R-19, the types of contaminants detected and their concentrations are consistent with data reported from previous monitoring events in this watershed.

5.3 Data Gaps

Table 3.4-1 summarizes the field deviations encountered during this PME. The table provides a detailed account of sampling-event deviations.

6.0 REFERENCES

The following list includes all documents cited in this report. Parenthetical information following each reference provides the author(s), publication date, and ER ID. This information is also included in text citations. ER IDs are assigned by the Environmental Programs Directorate's Records Processing Facility (RPF) and are used to locate the document at the RPF and, where applicable, in the master reference set.

Copies of the master reference set are maintained at the NMED Hazardous Waste Bureau and the Directorate. The set was developed to ensure that the administrative authority has all material needed to review this document, and it is updated with every document submitted to the administrative authority. Documents previously submitted to the administrative authority are not included.

LANL (Los Alamos National Laboratory), September 2008. "Periodic Monitoring Report for White Rock Watershed, April 23–April 30, 2008," Los Alamos National Laboratory document LA-UR-08-5847, Los Alamos, New Mexico. (LANL 2008, 103737)

LANL (Los Alamos National Laboratory), June 2010. "2010 Interim Facility-Wide Groundwater Monitoring Plan," Los Alamos National Laboratory document LA-UR-10-1777, Los Alamos, New Mexico. (LANL 2010, 109830)

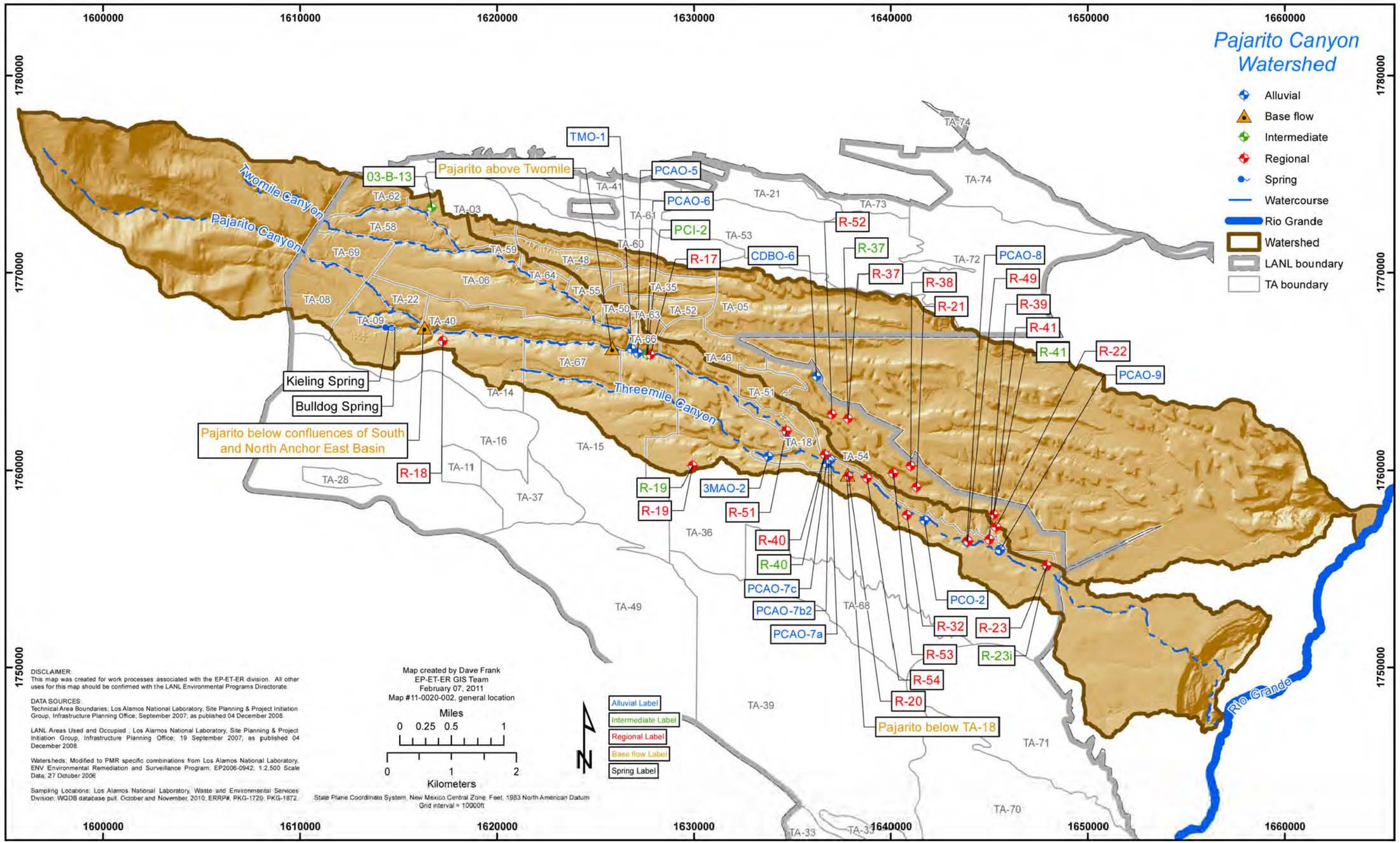


Figure 2.0-1 Locations monitored for this PME. Some locations on this map may not have been sampled (see Table 3.4-1).

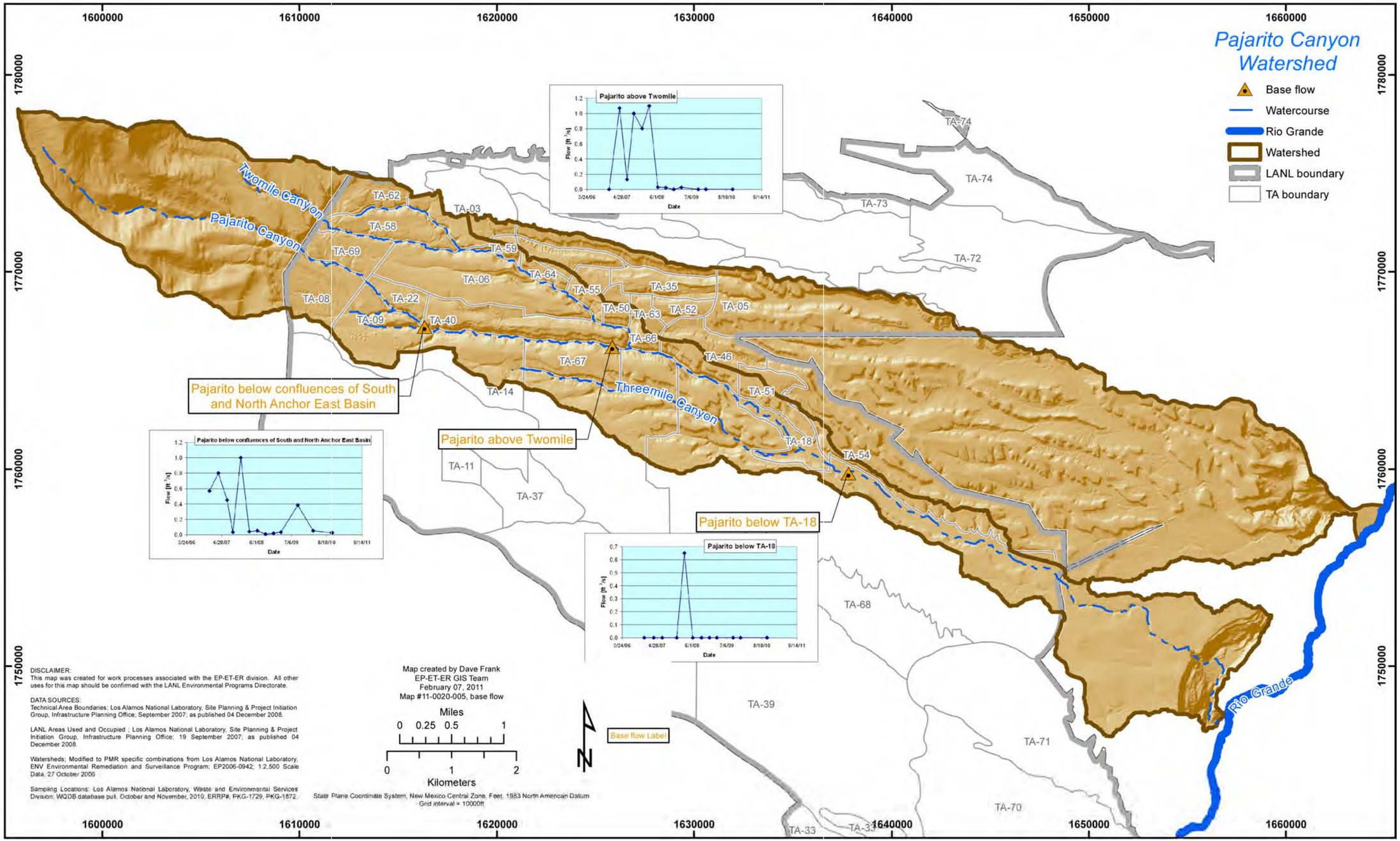


Figure 3.3-1 Base-flow measurements

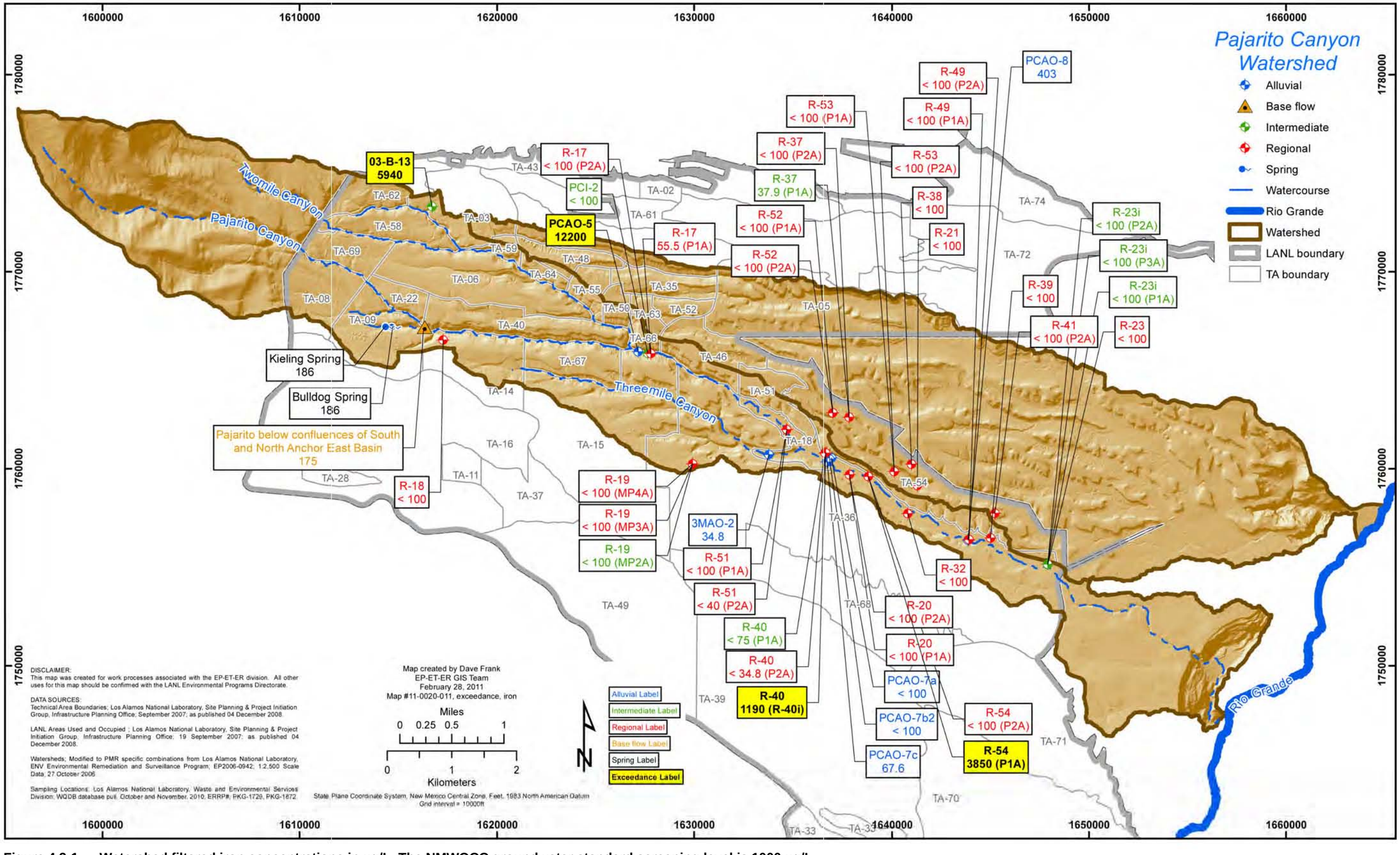


Figure 4.2-1 Watershed filtered iron concentrations in µg/L. The NMWQCC groundwater standard screening level is 1000 µg/L.

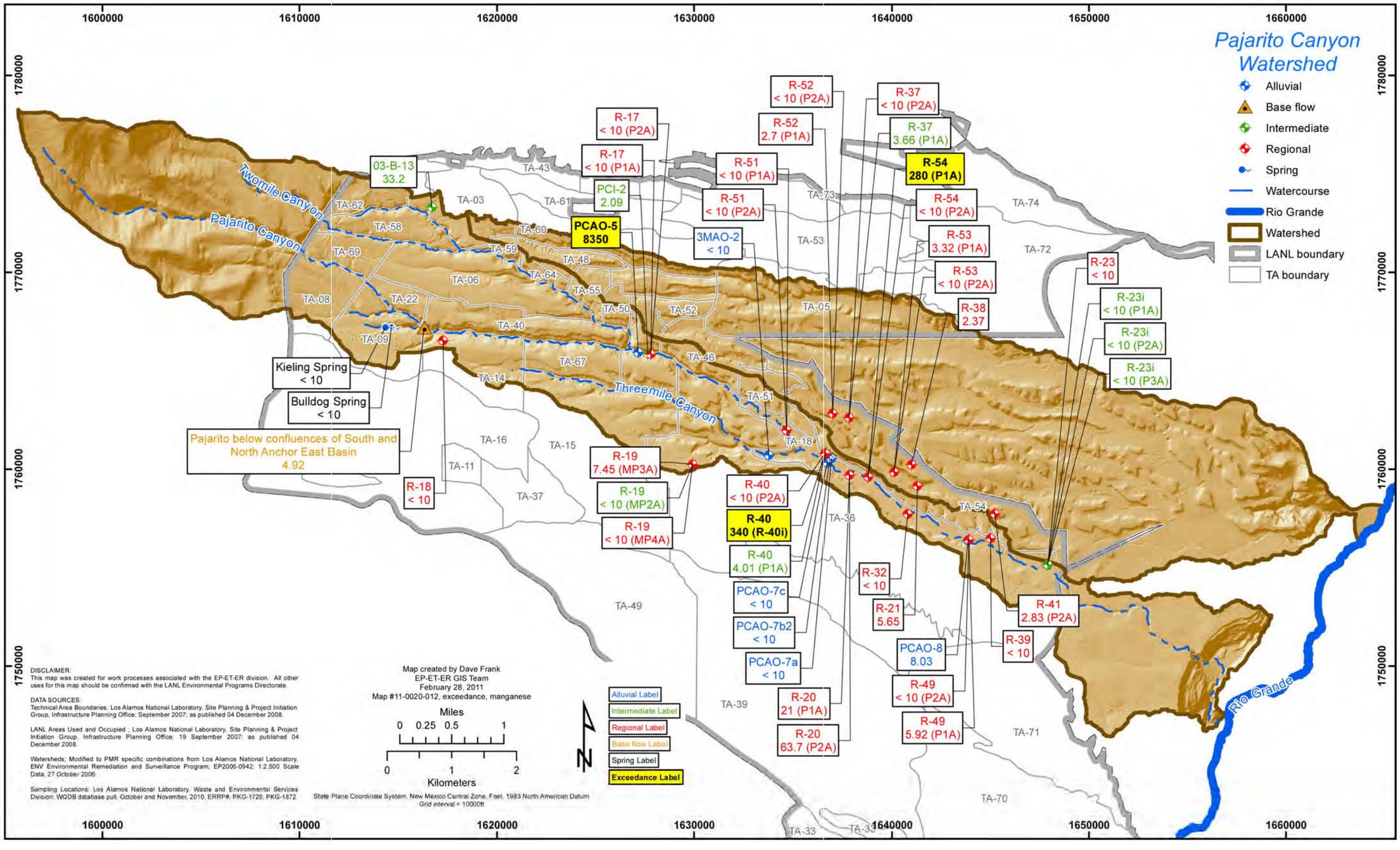


Figure 4.2-2 Watershed filtered manganese concentrations in µg/L. The NMWQCC groundwater standard screening level is 200 µg/L.

Table 2.0-1
Pajarito Watershed Monitoring Locations and General Information

Location	Sample Collection Date	Port Name	Port Depth (ft)	Screened Interval (ft)	Top Screen Depth (ft)	Bottom Screen Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Base Flow or Purge Flow (cfs[a])
Base Flow									
Pajarito above Twomile	10/18/10	n/a[b]	n/a	n/a	n/a	n/a	n/a	n/a	Dry[c]
Pajarito below confluences of South and North Anchor East Basin	10/08/10	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.0267
Pajarito below TA-18	10/07/10	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Dry
Springs									
Bulldog Spring	10/08/10	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.0025
Kieling Spring	10/08/10	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.0004
Alluvial									
3MAO-2	10/21/10	Single	14.7	10	14.7	24.7	13.9	15.5	0.0002
CDBO-6	10/15/10	Single	34	10	34	44	2.4	2.4	0.0002
PCAO-5	10/18/10	Single	14.7	10	14.7	24.7	12.6	13.0	0.0004
PCAO-6	10/18/10	Single	8	7	8	15	n/a	n/a	Dry
PCAO-7a	10/20/10	Single	9.7	10	9.7	19.7	9.95	10.0	0.0003
PCAO-7b2	10/21/10	Single	10	10	10	20	6.2	6.5	0.0001
PCAO-7c	10/07/10	Single	9.7	10	9.7	19.7	8.3	7.0	0.0004
PCAO-8	10/23/10	Single	9.7	10	9.7	19.7	7.46	4.25	0.0003
PCAO-9	10/18/10	Single	6	10	6	16	n/a	n/a	Dry
PCO-2	10/18/10	Single	1.5	8	1.5	9.5	n/a	n/a	Dry
TMO-1	10/18/10	Single	3.5	3	3.5	6.5	n/a	n/a	Dry
Intermediate									
03-B-13	10/22/10	Single	21.5	10	21.5	31.5	1.9	6.0	0.0002
PCI-2	10/11/10	Single	512	10	512	522	20.7	62.0	0.0011
R-19	10/15/10	MP2A	909.3	16.3	893.3	909.6	n/a–Westbay	n/a–Westbay	n/a–Westbay

Table 2.0-1 (continued)

Location	Sample Collection Date	Port Name	Port Depth (ft)	Screened Interval (ft)	Top Screen Depth (ft)	Bottom Screen Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Base Flow or Purge Flow (cfs[a])
R-23i	10/21/10	P1A	400.3	19.7	400.3	420	3.1	14.0	0.0013
R-23i	10/18/10	P2A	470.2	9.9	470.2	480.1	38.9	117	0.0022
R-23i	10/18/10	P3A	524	23	524	547	42.5	128	0.0033
R-37	10/12/10	P1A	929.3	20.7	929.3	950	52.5	161	0.0016
R-40	10/20/10	R-40i	649.7	19.4	649.67	669.02	13.0	40.0	0.0017
R-40	10/20/10	P1A	751.6	33.5	751.59	785.06	29.3	32.0	0.0011
R-41	10/21/10	P1A	928	9.7	928	937.7	n/a	n/a	Dry
Regional									
R-17	10/22/10	P1A	1057	23	1057	1080	41.6	135	0.0050
R-17	10/22/10	P2A	1124	10	1124	1134	47.8	145	0.0050
R-18	10/21/10	Single	1358	23	1358	1381	96.5	290	0.0140
R-19	10/15/10	MP3A	1190.7	44	1171.4	1215.4	n/a–Westbay	n/a–Westbay	n/a–Westbay
R-19	10/14/10	MP4A	1412.9	7.2	1410.2	1417.4	n/a–Westbay	n/a–Westbay	n/a–Westbay
R-20	10/20/10	P1A	907	7.6	904.6	912.2	66.4	260	0.0015
R-20	10/11/10	P2A	1149.7	7.6	1147.1	1154.7	41.0	123	0.0031
R-21	10/11/10	Single	888.8	18	888.8	906.8	205	650	0.0072
R-22	n/a	MP1A	907.1	41.9	872.3	914.2	n/a	n/a	Well Rehab
R-22	n/a	MP2A	962.8	41.9	947	988.9	n/a	n/a	Well Rehab
R-22	n/a	MP3A	1273.5	6.7	1272.2	1278.9	n/a	n/a	Well Rehab
R-22	n/a	MP4A	1378	6.7	1378.2	1384.9	n/a	n/a	Well Rehab
R-22	n/a	MP5A	1448.2	5	1447.3	1452.3	n/a	n/a	Well Rehab
R-23	10/22/10	Single	816	57.2	816	873.2	48.0	164	0.0223
R-32	10/14/10	Single	870.9	7.7	867.5	875.2	88.6	266	0.0045
R-37	10/14/10	P2A	1026	20.6	1026	1046.6	55.1	224	0.0085
R-38	10/11/10	Single	821.2	10	821.2	831.2	43.0	148	0.0056
R-39	10/08/10	Single	859	10	859	869	49.0	148	0.0067

Table 2.0-1 (continued)

Location	Sample Collection Date	Port Name	Port Depth (ft)	Screened Interval (ft)	Top Screen Depth (ft)	Bottom Screen Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Base Flow or Purge Flow (cfs[a])
R-40	10/19/10	P2A	849.3	20.7	849.27	870	41.2	124	0.0045
R-41	10/08/10	P2A	965.3	9.7	965.3	975	36.4	109	0.0067
R-49	10/07/10	P1A	845	10	845	855	79.5	239	0.0025
R-49	10/07/10	P2A	905.6	20.8	905.6	926.4	58.1	175	0.0056
R-51	10/19/10	P1A	914.96	10.28	914.96	925.24	61.7	290	0.0082
R-51	10/19/10	P2A	1031	10	1031	1041	37.5	150	0.0080
R-52	10/12/10	P1A	1035.2	20.5	1035.2	1055.7	65.0	195	0.0074
R-52	10/12/10	P2A	1107	10	1107	1117	43.0	129	0.0071
R-53	10/12/10	P1A	849.2	10	849.2	859.2	77.1	234	0.0096
R-53	10/12/10	P2A	959.7	20.5	959.7	980.2	93.5	321	0.0089
R-54	10/13/10	P1A	830	10	830	840	55.3	171	0.0067
R-54	10/13/10	P2A	915	10	915	925	61.2	186	0.0067

[a] cfs = Cubic feet per second.

[b] n/a = Not applicable.

[c] See Table.3.4-1 for explanation.

Table 3.4-1
Pajarito PME Observations and Deviations

Location	Deviation	Cause	Comment
Pajarito above Twomile on 10/18/10, Pajarito below TA-18 on 10/07/10, PCAO-6 on 10/18/10, PCAO-9 on 10/18/10, PCO-2 on 10/18/10, TMO-1 on 10/18/10, R-41 P1A on 10/21/10	No data are included in this report for these locations.	These locations were not sampled because they were dry.	Locations will be sampled during the next scheduled PME.
PCAO-8 on 10/23/10	Limited data are included in this report for this location.	A prioritized analytical suite was collected because the water was murky.	Location will be sampled during the next scheduled PME.
R-22	No data are included in this report for this location.	Well is undergoing rehabilitation.	Not applicable

Table 3.4-2
Analytes with PQLs and MDLs above Screening-Level Values

CAS No.	Analyte Name	MDL	PQL	Screening Level	Unit	Screening-Level Type
Radionuclides						
Np-237	Neptunium-237	n/a*	10	1.2	pCi/L	DOE DCG
Semivolatile Organic Analytes						
1912-24-9	Atrazine	2	10	3	µg/L	EPA MCL
103-33-3	Azobenzene	2	10	1.3	µg/L	EPA Regional Tap
92-87-5	Benzidine	2	50	0.00094	µg/L	EPA Regional Tap
56-55-3	Benzo(a)anthracene	0.2	1	0.29	µg/L	EPA Regional Tap
50-32-8	Benzo(a)pyrene	0.2	1	0.2	µg/L	EPA MCL
205-99-2	Benzo(b)fluoranthene	0.2	1	0.29	µg/L	EPA Regional Tap
111-44-4	Bis(2-chloroethyl)ether	2	10	0.12	µg/L	EPA Regional Tap
117-81-7	Bis(2-ethylhexyl)phthalate	2	10	6	µg/L	EPA MCL
106-47-8	Chloroaniline[4-]	2	10	3.4	µg/L	EPA Regional Tap
53-70-3	Dibenz(a,h)anthracene	0.2	1	0.029	µg/L	EPA Regional Tap
91-94-1	Dichlorobenzidine[3,3'-]	1	10	1.5	µg/L	EPA Regional Tap
534-52-1	Dinitro-2-methylphenol[4,6-]	3	10	3.6	µg/L	EPA Regional Tap
121-14-2	Dinitrotoluene[2,4-]	2	10	2.2	µg/L	EPA Regional Tap
123-91-1	Dioxane[1,4-]	2.2	10	6.7	µg/L	EPA Regional Tap
118-74-1	Hexachlorobenzene	2	10	1	µg/L	EPA MCL
87-68-3	Hexachlorobutadiene	2	10	8.6	µg/L	EPA Regional Tap
193-39-5	Indeno(1,2,3-cd)pyrene	0.2	1	0.29	µg/L	EPA Regional Tap
98-95-3	Nitrobenzene	3	10	1.2	µg/L	EPA Regional Tap
55-18-5	Nitrosodiethylamine[N-]	2	10	0.0014	µg/L	EPA Regional Tap

Table 3.4-2 (continued)

CAS No.	Analyte Name	MDL	PQL	Screening Level	Unit	Screening-Level Type
62-75-9	Nitrosodimethylamine[N-]	2	10	0.0042	µg/L	EPA Regional Tap
924-16-3	Nitroso-di-n-butylamine[N-]	2	10	0.024	µg/L	EPA Regional Tap
621-64-7	Nitroso-di-n-propylamine[N-]	2	10	0.096	µg/L	EPA Regional Tap
930-55-2	Nitrosopyrrolidine[N-]	2	10	0.32	µg/L	EPA Regional Tap
108-60-1	Oxybis(1-chloropropane)[2,2'-]	2	10	3.2	µg/L	EPA Regional Tap
87-86-5	Pentachlorophenol	2	10	1	µg/L	EPA MCL
108-95-2	Phenol	1	10	5	µg/L	NM GW STD
Volatile Organic Analytes						
107-02-8	Acrolein	3	5	0.042	µg/L	EPA Regional Tap
107-13-1	Acrylonitrile	1	5	0.45	µg/L	EPA Regional Tap
126-99-8	Chloro-1,3-butadiene[2-]	0.3	1	0.16	µg/L	EPA Regional Tap
96-12-8	Dibromo-3-chloropropane[1,2-]	0.5	1	0.2	µg/L	EPA MCL
106-93-4	Dibromoethane[1,2-]	0.25	1	0.05	µg/L	EPA MCL
126-98-7	Methacrylonitrile	1	5	1	µg/L	EPA Regional Tap
96-18-4	Trichloropropane[1,2,3-]	0.3	1	0.0072	µg/L	EPA Regional Tap

Note: This table is applicable to all samples reported in all PMRs.

* n/a = Not applicable.

Table 4.2-1
Sources of Screening Levels for Groundwater
and Surface Water at Los Alamos National Laboratory

Standard Type	Groundwater	Surface Water
DOE BCGs	n/a[a]	X[b]
DOE 100-mrem Public Dose DCG	X	n/a
DOE 4-mrem Drinking Water DCG	X	n/a
EPA MCL	X	n/a
EPA Regional Tap Water Screening Level	X	n/a
New Mexico Environmental Improvement Board Radiation Protection Standards	X	X
NMWQCC Groundwater Standard	X	n/a
NMWQCC Irrigation Standard	n/a	X
NMWQCC Livestock Watering Standard	n/a	X
NMWQCC Wildlife Habitat Standard	n/a	X
NMWQCC Aquatic Life Standards Acute	n/a	X
NMWQCC Aquatic Life Standards Chronic	n/a	X
NMWQCC Human Health Standard	n/a	X

[a] n/a = Not applicable.

[b] X = Standard applied to data screen for this report.

Table 4.2-2
Pajarito Watershed Results above Screening Levels for Surface Water and Groundwater

Location	Date	Analyte	Field Preparation	Result	Unit	Screening-Level Value	Screening-Level Source
Surface Water							
Pajarito below confluences of South and North Anchor East Basin	10/08/10	Aluminum	F[a]	252	µg/L	87	NM Aquatic Life Chronic
Alluvial Groundwater							
PCAO-5	10/18/10	Iron	F	12,200	µg/L	1000	NM GW STD
PCAO-5	10/18/10	Manganese	F	8350	µg/L	200	NM GW STD
Intermediate Groundwater							
03-B-13	10/22/10	Aluminum	F	9620	µg/L	5000	NM GW STD
03-B-13	10/22/10	Iron	F	5940	µg/L	1000	NM GW STD
03-B-13	10/22/10	Lead	UF[b]	21.8	µg/L	15	EPA DW Action Level
R-40	10/20/10	Iron	F	1190	µg/L	1000	NM GW STD
R-40	10/20/10	Manganese	F	340	µg/L	200	NM GW STD
R-40	10/20/10	Antimony	F	9.26	µg/L	6	EPA MCL
03-B-13	10/22/10	Dioxane[1,4-]	UF	64.9	µg/L	6.7	EPA TAP SCRN LVL
03-B-13	10/22/10	Dichloroethene[1,1-]	UF	13.9	µg/L	5	NM GW STD
03-B-13	10/22/10	Trichloroethane[1,1,1-]	UF	109	µg/L	60	NM GW STD
Regional Aquifer							
R-19	10/14/10	Nitrate + nitrite as nitrogen	F	793	mg/L	10	NM GW STD
R-54	10/13/10	Iron	F	3850	µg/L	1000	NM GW STD
R-54	10/13/10	Manganese	F	280	µg/L	200	NM GW STD

[a] F = Filtered.

[b] UF = Unfiltered.

Appendix A

Field Parameter Results, Including Results from Previous Four Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
03-B-13	7671	21.5	10/22/10	WG[a]	Dissolved Oxygen	1.48	mg/L	CAPA-10-26927
03-B-13	7671	21.5	08/12/10	WG	Dissolved Oxygen	0.3	mg/L	CAPA-10-24078
03-B-13	7671	21.5	06/08/10	WG	Dissolved Oxygen	2.07	mg/L	CAPA-10-17570
03-B-13	7671	21.5	03/01/10	WG	Dissolved Oxygen	1.78	mg/L	CAPA-10-12788
03-B-13	7671	21.5	12/14/09	WG	Dissolved Oxygen	2.64	mg/L	CAPA-10-6101
03-B-13	7671	21.5	10/22/10	WG	Oxidation Reduction Potential	456.6	mV	CAPA-10-26927
03-B-13	7671	21.5	08/12/10	WG	Oxidation Reduction Potential	175.2	mV	CAPA-10-24078
03-B-13	7671	21.5	06/08/10	WG	Oxidation Reduction Potential	237.4	mV	CAPA-10-17570
03-B-13	7671	21.5	03/01/10	WG	Oxidation Reduction Potential	245.1	mV	CAPA-10-12788
03-B-13	7671	21.5	09/11/09	WG	Oxidation Reduction Potential	163.5	mV	CAPA-09-12149
03-B-13	7671	21.5	10/22/10	WG	pH	5.63	SU[b]	CAPA-10-26927
03-B-13	7671	21.5	08/12/10	WG	pH	5.76	SU	CAPA-10-24078
03-B-13	7671	21.5	06/08/10	WG	pH	5.38	SU	CAPA-10-17570
03-B-13	7671	21.5	03/01/10	WG	pH	5.6	SU	CAPA-10-12788
03-B-13	7671	21.5	12/14/09	WG	pH	5.42	SU	CAPA-10-6101
03-B-13	7671	21.5	10/22/10	WG	Specific Conductance	423	µS/cm	CAPA-10-26927
03-B-13	7671	21.5	08/12/10	WG	Specific Conductance	477	µS/cm	CAPA-10-24078
03-B-13	7671	21.5	03/01/10	WG	Specific Conductance	748	µS/cm	CAPA-10-12788
03-B-13	7671	21.5	12/14/09	WG	Specific Conductance	136	µS/cm	CAPA-10-6101
03-B-13	7671	21.5	10/22/10	WG	Temperature	13.19	deg C	CAPA-10-26927
03-B-13	7671	21.5	08/12/10	WG	Temperature	13.66	deg C	CAPA-10-24078
03-B-13	7671	21.5	06/08/10	WG	Temperature	13.35	deg C	CAPA-10-17570
03-B-13	7671	21.5	03/01/10	WG	Temperature	12.54	deg C	CAPA-10-12788
03-B-13	7671	21.5	12/14/09	WG	Temperature	12.47	deg C	CAPA-10-6101
03-B-13	7671	21.5	10/22/10	WG	Turbidity	217	NTU[c]	CAPA-10-26927
03-B-13	7671	21.5	08/12/10	WG	Turbidity	72.3	NTU	CAPA-10-24078
03-B-13	7671	21.5	06/08/10	WG	Turbidity	29.9	NTU	CAPA-10-17570
03-B-13	7671	21.5	03/01/10	WG	Turbidity	18.8	NTU	CAPA-10-12788
03-B-13	7671	21.5	12/14/09	WG	Turbidity	103	NTU	CAPA-10-6101

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
3MAO-2	8471	14.7	10/21/10	WG	Dissolved Oxygen	1.21	mg/L	CAPA-10-26889
3MAO-2	8471	14.7	06/07/10	WG	Dissolved Oxygen	4.15	mg/L	CAPA-10-17746
3MAO-2	8471	14.7	12/16/09	WG	Dissolved Oxygen	2.96	mg/L	CAPA-10-6767
3MAO-2	8471	14.7	06/04/09	WG	Dissolved Oxygen	277	mg/L	CAPA-09-9401
3MAO-2	8471	14.7	03/03/09	WG	Dissolved Oxygen	4.4	mg/L	CAPA-09-4397
3MAO-2	8471	14.7	10/21/10	WG	Oxidation Reduction Potential	365.3	mV	CAPA-10-26889
3MAO-2	8471	14.7	06/07/10	WG	Oxidation Reduction Potential	211.8	mV	CAPA-10-17746
3MAO-2	8471	14.7	12/16/09	WG	Oxidation Reduction Potential	513.7	mV	CAPA-10-6767
3MAO-2	8471	14.7	06/04/09	WG	Oxidation Reduction Potential	332.4	mV	CAPA-09-9401
3MAO-2	8471	14.7	03/03/09	WG	Oxidation Reduction Potential	429.4	mV	CAPA-09-4397
3MAO-2	8471	14.7	10/21/10	WG	pH	6	SU	CAPA-10-26889
3MAO-2	8471	14.7	06/07/10	WG	pH	6.03	SU	CAPA-10-17746
3MAO-2	8471	14.7	12/16/09	WG	pH	5.37	SU	CAPA-10-6767
3MAO-2	8471	14.7	06/04/09	WG	pH	5.86	SU	CAPA-09-9401
3MAO-2	8471	14.7	03/03/09	WG	pH	5.96	SU	CAPA-09-4397
3MAO-2	8471	14.7	10/21/10	WG	Specific Conductance	227	µS/cm	CAPA-10-26889
3MAO-2	8471	14.7	06/07/10	WG	Specific Conductance	190	µS/cm	CAPA-10-17746
3MAO-2	8471	14.7	12/16/09	WG	Specific Conductance	186	µS/cm	CAPA-10-6767
3MAO-2	8471	14.7	06/04/09	WG	Specific Conductance	142	µS/cm	CAPA-09-9401
3MAO-2	8471	14.7	03/03/09	WG	Specific Conductance	127	µS/cm	CAPA-09-4397
3MAO-2	8471	14.7	10/21/10	WG	Temperature	10.84	deg C	CAPA-10-26889
3MAO-2	8471	14.7	06/07/10	WG	Temperature	8.32	deg C	CAPA-10-17746
3MAO-2	8471	14.7	12/16/09	WG	Temperature	8.28	deg C	CAPA-10-6767
3MAO-2	8471	14.7	06/04/09	WG	Temperature	8.54	deg C	CAPA-09-9401
3MAO-2	8471	14.7	03/03/09	WG	Temperature	8.16	deg C	CAPA-09-4397
3MAO-2	8471	14.7	10/21/10	WG	Turbidity	1.5	NTU	CAPA-10-26889
3MAO-2	8471	14.7	06/07/10	WG	Turbidity	93.8	NTU	CAPA-10-17746
3MAO-2	8471	14.7	12/16/09	WG	Turbidity	24.7	NTU	CAPA-10-6767
3MAO-2	8471	14.7	06/04/09	WG	Turbidity	39.4	NTU	CAPA-09-9401

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
3MAO-2	8471	14.7	03/03/09	WG	Turbidity	35	NTU	CAPA-09-4397
Bulldog Spring	—[d]	—	10/08/10	WG	Dissolved Oxygen	7.65	mg/L	CAPA-10-26883
Bulldog Spring	—	—	03/10/10	WG	Dissolved Oxygen	8.19	mg/L	CAPA-10-12705
Bulldog Spring	—	—	09/15/09	WG	Dissolved Oxygen	8.66	mg/L	CAPA-09-12112
Bulldog Spring	—	—	06/03/09	WG	Dissolved Oxygen	8.69	mg/L	CAPA-09-9307
Bulldog Spring	—	—	03/06/09	WG	Dissolved Oxygen	8.77	mg/L	CAPA-09-4090
Bulldog Spring	—	—	10/08/10	WG	pH	6.93	SU	CAPA-10-26883
Bulldog Spring	—	—	03/10/10	WG	pH	7.64	SU	CAPA-10-12705
Bulldog Spring	—	—	09/15/09	WG	pH	7.14	SU	CAPA-09-12112
Bulldog Spring	—	—	06/03/09	WG	pH	6.92	SU	CAPA-09-9307
Bulldog Spring	—	—	03/06/09	WG	pH	7.08	SU	CAPA-09-4090
Bulldog Spring	—	—	10/08/10	WG	Specific Conductance	253	µS/cm	CAPA-10-26883
Bulldog Spring	—	—	03/10/10	WG	Specific Conductance	472	µS/cm	CAPA-10-12705
Bulldog Spring	—	—	09/15/09	WG	Specific Conductance	222	µS/cm	CAPA-09-12112
Bulldog Spring	—	—	06/03/09	WG	Specific Conductance	181	µS/cm	CAPA-09-9307
Bulldog Spring	—	—	03/06/09	WG	Specific Conductance	212	µS/cm	CAPA-09-4090
Bulldog Spring	—	—	10/08/10	WG	Temperature	10.21	deg C	CAPA-10-26883
Bulldog Spring	—	—	03/10/10	WG	Temperature	8.51	deg C	CAPA-10-12705
Bulldog Spring	—	—	09/15/09	WG	Temperature	10.13	deg C	CAPA-09-12112
Bulldog Spring	—	—	06/03/09	WG	Temperature	9.72	deg C	CAPA-09-9307
Bulldog Spring	—	—	03/06/09	WG	Temperature	8.9	deg C	CAPA-09-4090
Bulldog Spring	—	—	10/08/10	WG	Turbidity	10.3	NTU	CAPA-10-26883
Bulldog Spring	—	—	09/15/09	WG	Turbidity	3.8	NTU	CAPA-09-12112
Bulldog Spring	—	—	06/03/09	WG	Turbidity	6.22	NTU	CAPA-09-9307
Bulldog Spring	—	—	03/06/09	WG	Turbidity	20.2	NTU	CAPA-09-4090
Bulldog Spring	—	—	12/10/08	WG	Turbidity	4.62	NTU	CAPA-09-1106
CDBO-6	5281	34	10/15/10	WG	Dissolved Oxygen	4.17	mg/L	CAPA-10-27425
CDBO-6	5281	34	08/02/10	WG	Dissolved Oxygen	5.02	mg/L	CAPA-10-24065
CDBO-6	5281	34	06/01/10	WG	Dissolved Oxygen	3.95	mg/L	CAPA-10-18089

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CDBO-6	5281	34	12/16/09	WG	Dissolved Oxygen	2.67	mg/L	CAPA-10-6093
CDBO-6	5281	34	08/14/09	WG	Dissolved Oxygen	5.17	mg/L	CAMO-09-9478
CDBO-6	5281	34	10/15/10	WG	Oxidation Reduction Potential	100	mV	CAPA-10-27425
CDBO-6	5281	34	08/02/10	WG	Oxidation Reduction Potential	237.1	mV	CAPA-10-24065
CDBO-6	5281	34	06/01/10	WG	Oxidation Reduction Potential	97.6	mV	CAPA-10-18089
CDBO-6	5281	34	12/16/09	WG	Oxidation Reduction Potential	473.2	mV	CAPA-10-6093
CDBO-6	5281	34	08/14/09	WG	Oxidation Reduction Potential	456.5	mV	CAMO-09-9478
CDBO-6	5281	34	10/15/10	WG	pH	6	SU	CAPA-10-27425
CDBO-6	5281	34	08/02/10	WG	pH	6.24	SU	CAPA-10-24065
CDBO-6	5281	34	06/01/10	WG	pH	6.22	SU	CAPA-10-18089
CDBO-6	5281	34	12/16/09	WG	pH	6.25	SU	CAPA-10-6093
CDBO-6	5281	34	08/14/09	WG	pH	6.28	SU	CAMO-09-9478
CDBO-6	5281	34	10/15/10	WG	Specific Conductance	232	µS/cm	CAPA-10-27425
CDBO-6	5281	34	08/02/10	WG	Specific Conductance	213	µS/cm	CAPA-10-24065
CDBO-6	5281	34	06/01/10	WG	Specific Conductance	219	µS/cm	CAPA-10-18089
CDBO-6	5281	34	12/16/09	WG	Specific Conductance	226	µS/cm	CAPA-10-6093
CDBO-6	5281	34	08/14/09	WG	Specific Conductance	185	µS/cm	CAMO-09-9478
CDBO-6	5281	34	10/15/10	WG	Temperature	12.07	deg C	CAPA-10-27425
CDBO-6	5281	34	08/02/10	WG	Temperature	12.73	deg C	CAPA-10-24065
CDBO-6	5281	34	06/01/10	WG	Temperature	13.32	deg C	CAPA-10-18089
CDBO-6	5281	34	12/16/09	WG	Temperature	10.52	deg C	CAPA-10-6093
CDBO-6	5281	34	08/14/09	WG	Temperature	12.13	deg C	CAMO-09-9478
CDBO-6	5281	34	10/15/10	WG	Turbidity	2.29	NTU	CAPA-10-27425
CDBO-6	5281	34	08/02/10	WG	Turbidity	2.61	NTU	CAPA-10-24065
CDBO-6	5281	34	06/01/10	WG	Turbidity	18.2	NTU	CAPA-10-18089
CDBO-6	5281	34	12/16/09	WG	Turbidity	4.35	NTU	CAPA-10-6093
CDBO-6	5281	34	08/14/09	WG	Turbidity	70.1	NTU	CAMO-09-9478
Kieling Spring	—	—	10/08/10	WG	Dissolved Oxygen	7.77	mg/L	CAPA-10-26884
Kieling Spring	—	—	09/15/09	WG	Dissolved Oxygen	8.18	mg/L	CAPA-09-12107

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Kieling Spring	—	—	06/03/09	WG	Dissolved Oxygen	7.96	mg/L	CAPA-09-9308
Kieling Spring	—	—	03/06/09	WG	Dissolved Oxygen	8.52	mg/L	CAPA-09-4081
Kieling Spring	—	—	12/10/08	WG	Dissolved Oxygen	8.45	mg/L	CAPA-09-1100
Kieling Spring	—	—	10/08/10	WG	pH	6.31	SU	CAPA-10-26884
Kieling Spring	—	—	09/15/09	WG	pH	7.68	SU	CAPA-09-12107
Kieling Spring	—	—	06/03/09	WG	pH	6.69	SU	CAPA-09-9308
Kieling Spring	—	—	03/06/09	WG	pH	7.32	SU	CAPA-09-4081
Kieling Spring	—	—	10/08/10	WG	Specific Conductance	222	µS/cm	CAPA-10-26884
Kieling Spring	—	—	09/15/09	WG	Specific Conductance	213	µS/cm	CAPA-09-12107
Kieling Spring	—	—	06/03/09	WG	Specific Conductance	141	µS/cm	CAPA-09-9308
Kieling Spring	—	—	03/06/09	WG	Specific Conductance	222	µS/cm	CAPA-09-4081
Kieling Spring	—	—	10/08/10	WG	Temperature	10.34	deg C	CAPA-10-26884
Kieling Spring	—	—	09/15/09	WG	Temperature	10.95	deg C	CAPA-09-12107
Kieling Spring	—	—	06/03/09	WG	Temperature	10.14	deg C	CAPA-09-9308
Kieling Spring	—	—	03/06/09	WG	Temperature	9.78	deg C	CAPA-09-4081
Kieling Spring	—	—	12/10/08	WG	Temperature	9.03	deg C	CAPA-09-1100
Kieling Spring	—	—	10/08/10	WG	Turbidity	13.4	NTU	CAPA-10-26884
Kieling Spring	—	—	09/15/09	WG	Turbidity	6.17	NTU	CAPA-09-12107
Kieling Spring	—	—	06/03/09	WG	Turbidity	8.98	NTU	CAPA-09-9308
Kieling Spring	—	—	03/06/09	WG	Turbidity	21.6	NTU	CAPA-09-4081
Kieling Spring	—	—	12/10/08	WG	Turbidity	7.9	NTU	CAPA-09-1100
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS[e]	Dissolved Oxygen	8.3	mg/L	CAPA-10-26874
Pajarito below confluences of South and North Anchor East Basin	—	—	03/10/10	WS	Dissolved Oxygen	10.16	mg/L	CAPA-10-12694
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	Dissolved Oxygen	8.18	mg/L	CAPA-09-12075
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	Dissolved Oxygen	11.91	mg/L	CAPA-09-4059
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	Dissolved Oxygen	10.28	mg/L	CAPA-09-1073

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	pH	8.1	SU	CAPA-10-26874
Pajarito below confluences of South and North Anchor East Basin	—	—	03/10/10	WS	pH	7.39	SU	CAPA-10-12694
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	pH	7.68	SU	CAPA-09-12075
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	pH	7.47	SU	CAPA-09-4059
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	pH	7.43	SU	CAPA-09-1073
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	Specific Conductance	236	µS/cm	CAPA-10-26874
Pajarito below confluences of South and North Anchor East Basin	—	—	03/10/10	WS	Specific Conductance	407	µS/cm	CAPA-10-12694
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	Specific Conductance	213	µS/cm	CAPA-09-12075
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	Specific Conductance	158	µS/cm	CAPA-09-4059
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	Specific Conductance	182	µS/cm	CAPA-09-1073
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	Temperature	11	deg C	CAPA-10-26874
Pajarito below confluences of South and North Anchor East Basin	—	—	03/10/10	WS	Temperature	3.43	deg C	CAPA-10-12694
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	Temperature	10.95	deg C	CAPA-09-12075
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	Temperature	6.02	deg C	CAPA-09-4059
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	Temperature	14.2	deg C	CAPA-08-14889
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	Turbidity	11	NTU	CAPA-10-26874
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	Turbidity	6.17	NTU	CAPA-09-12075

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	Turbidity	22.5	NTU	CAPA-09-4059
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	Turbidity	7.03	NTU	CAPA-09-1073
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	Turbidity	7.69	NTU	CAPA-08-14889
PCAO-5	8481	14.7	10/18/10	WG	Dissolved Oxygen	0.26	mg/L	CAPA-10-26891
PCAO-5	8481	14.7	02/24/10	WG	Dissolved Oxygen	0.64	mg/L	CAPA-10-12867
PCAO-5	8481	14.7	12/17/09	WG	Dissolved Oxygen	0.28	mg/L	CAPA-10-6390
PCAO-5	8481	14.7	09/02/09	WG	Dissolved Oxygen	3.29	mg/L	CAPA-09-12210
PCAO-5	8481	14.7	06/09/09	WG	Dissolved Oxygen	0.2	mg/L	CAPA-09-9388
PCAO-5	8481	14.7	10/18/10	WG	Oxidation Reduction Potential	−48.5	mV	CAPA-10-26891
PCAO-5	8481	14.7	02/24/10	WG	Oxidation Reduction Potential	389.9	mV	CAPA-10-12867
PCAO-5	8481	14.7	12/17/09	WG	Oxidation Reduction Potential	344.3	mV	CAPA-10-6390
PCAO-5	8481	14.7	09/02/09	WG	Oxidation Reduction Potential	−99.5	mV	CAPA-09-12210
PCAO-5	8481	14.7	06/09/09	WG	Oxidation Reduction Potential	189.8	mV	CAPA-09-9388
PCAO-5	8481	14.7	10/18/10	WG	pH	6.41	SU	CAPA-10-26891
PCAO-5	8481	14.7	02/24/10	WG	pH	6.5	SU	CAPA-10-12867
PCAO-5	8481	14.7	12/17/09	WG	pH	8	SU	CAPA-10-6390
PCAO-5	8481	14.7	09/02/09	WG	pH	6.46	SU	CAPA-09-12210
PCAO-5	8481	14.7	06/09/09	WG	pH	6.56	SU	CAPA-09-9388
PCAO-5	8481	14.7	10/18/10	WG	Specific Conductance	557	µS/cm	CAPA-10-26891
PCAO-5	8481	14.7	02/24/10	WG	Specific Conductance	734	µS/cm	CAPA-10-12867
PCAO-5	8481	14.7	12/17/09	WG	Specific Conductance	701	µS/cm	CAPA-10-6390
PCAO-5	8481	14.7	09/02/09	WG	Specific Conductance	397	µS/cm	CAPA-09-12210
PCAO-5	8481	14.7	06/09/09	WG	Specific Conductance	559	µS/cm	CAPA-09-9388
PCAO-5	8481	14.7	10/18/10	WG	Temperature	10.68	deg C	CAPA-10-26891
PCAO-5	8481	14.7	02/24/10	WG	Temperature	9.96	deg C	CAPA-10-12867
PCAO-5	8481	14.7	12/17/09	WG	Temperature	11.08	deg C	CAPA-10-6390
PCAO-5	8481	14.7	09/02/09	WG	Temperature	10.99	deg C	CAPA-09-12210

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
PCAO-5	8481	14.7	06/09/09	WG	Temperature	9.65	deg C	CAPA-09-9388
PCAO-5	8481	14.7	10/18/10	WG	Turbidity	0.44	NTU	CAPA-10-26891
PCAO-5	8481	14.7	02/24/10	WG	Turbidity	12.2	NTU	CAPA-10-12867
PCAO-5	8481	14.7	12/17/09	WG	Turbidity	1.04	NTU	CAPA-10-6390
PCAO-5	8481	14.7	09/02/09	WG	Turbidity	1.74	NTU	CAPA-09-12210
PCAO-5	8481	14.7	06/09/09	WG	Turbidity	1.44	NTU	CAPA-09-9388
PCAO-7a	8501	9.7	10/20/10	WG	Dissolved Oxygen	6.07	mg/L	CAPA-10-26901
PCAO-7a	8501	9.7	02/23/10	WG	Dissolved Oxygen	8.88	mg/L	CAPA-10-12871
PCAO-7a	8501	9.7	12/11/09	WG	Dissolved Oxygen	7.16	mg/L	CAPA-10-6749
PCAO-7a	8501	9.7	09/17/09	WG	Dissolved Oxygen	6.61	mg/L	CAPA-09-12214
PCAO-7a	8501	9.7	06/02/09	WG	Dissolved Oxygen	7.96	mg/L	CAPA-09-9390
PCAO-7a	8501	9.7	10/20/10	WG	Oxidation Reduction Potential	358.4	mV	CAPA-10-26901
PCAO-7a	8501	9.7	02/23/10	WG	Oxidation Reduction Potential	409.1	mV	CAPA-10-12871
PCAO-7a	8501	9.7	12/11/09	WG	Oxidation Reduction Potential	309.7	mV	CAPA-10-6749
PCAO-7a	8501	9.7	09/17/09	WG	Oxidation Reduction Potential	284.4	mV	CAPA-09-12214
PCAO-7a	8501	9.7	06/02/09	WG	Oxidation Reduction Potential	348	mV	CAPA-09-9390
PCAO-7a	8501	9.7	10/20/10	WG	pH	6.45	SU	CAPA-10-26901
PCAO-7a	8501	9.7	02/23/10	WG	pH	6.34	SU	CAPA-10-12871
PCAO-7a	8501	9.7	12/11/09	WG	pH	6.33	SU	CAPA-10-6749
PCAO-7a	8501	9.7	09/17/09	WG	pH	6.37	SU	CAPA-09-12214
PCAO-7a	8501	9.7	06/02/09	WG	pH	6.44	SU	CAPA-09-9390
PCAO-7a	8501	9.7	10/20/10	WG	Specific Conductance	300	µS/cm	CAPA-10-26901
PCAO-7a	8501	9.7	02/23/10	WG	Specific Conductance	562	µS/cm	CAPA-10-12871
PCAO-7a	8501	9.7	12/11/09	WG	Specific Conductance	609	µS/cm	CAPA-10-6749
PCAO-7a	8501	9.7	09/17/09	WG	Specific Conductance	635	µS/cm	CAPA-09-12214
PCAO-7a	8501	9.7	06/02/09	WG	Specific Conductance	464	µS/cm	CAPA-09-9390
PCAO-7a	8501	9.7	10/20/10	WG	Temperature	17.2	deg C	CAPA-10-26901
PCAO-7a	8501	9.7	02/23/10	WG	Temperature	10.11	deg C	CAPA-10-12871
PCAO-7a	8501	9.7	12/11/09	WG	Temperature	13.49	deg C	CAPA-10-6749

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
PCAO-7a	8501	9.7	09/17/09	WG	Temperature	16.42	deg C	CAPA-09-12214
PCAO-7a	8501	9.7	06/02/09	WG	Temperature	12.44	deg C	CAPA-09-9390
PCAO-7a	8501	9.7	10/20/10	WG	Turbidity	4.57	NTU	CAPA-10-26901
PCAO-7a	8501	9.7	02/23/10	WG	Turbidity	3.57	NTU	CAPA-10-12871
PCAO-7a	8501	9.7	12/11/09	WG	Turbidity	11.2	NTU	CAPA-10-6749
PCAO-7a	8501	9.7	09/17/09	WG	Turbidity	5.67	NTU	CAPA-09-12214
PCAO-7a	8501	9.7	06/02/09	WG	Turbidity	4.88	NTU	CAPA-09-9390
PCAO-7b2	8581	10	10/21/10	WG	Dissolved Oxygen	4.8	mg/L	CAPA-10-26904
PCAO-7b2	8581	10	02/24/10	WG	Dissolved Oxygen	7.25	mg/L	CAPA-10-12847
PCAO-7b2	8581	10	12/10/09	WG	Dissolved Oxygen	6.5	mg/L	CAPA-10-6756
PCAO-7b2	8581	10	09/15/09	WG	Dissolved Oxygen	4.74	mg/L	CAPA-09-12194
PCAO-7b2	8581	10	06/04/09	WG	Dissolved Oxygen	8.74	mg/L	CAPA-09-9432
PCAO-7b2	8581	10	10/21/10	WG	Oxidation Reduction Potential	367.3	mV	CAPA-10-26904
PCAO-7b2	8581	10	02/24/10	WG	Oxidation Reduction Potential	488.8	mV	CAPA-10-12847
PCAO-7b2	8581	10	12/10/09	WG	Oxidation Reduction Potential	295.3	mV	CAPA-10-6756
PCAO-7b2	8581	10	09/15/09	WG	Oxidation Reduction Potential	369.1	mV	CAPA-09-12194
PCAO-7b2	8581	10	06/04/09	WG	Oxidation Reduction Potential	236.5	mV	CAPA-09-9432
PCAO-7b2	8581	10	10/21/10	WG	pH	6.12	SU	CAPA-10-26904
PCAO-7b2	8581	10	02/24/10	WG	pH	5.93	SU	CAPA-10-12847
PCAO-7b2	8581	10	12/10/09	WG	pH	5.44	SU	CAPA-10-6756
PCAO-7b2	8581	10	09/15/09	WG	pH	6.1	SU	CAPA-09-12194
PCAO-7b2	8581	10	10/21/10	WG	Specific Conductance	772	µS/cm	CAPA-10-26904
PCAO-7b2	8581	10	02/24/10	WG	Specific Conductance	3049	µS/cm	CAPA-10-12847
PCAO-7b2	8581	10	12/10/09	WG	Specific Conductance	2684	µS/cm	CAPA-10-6756
PCAO-7b2	8581	10	09/15/09	WG	Specific Conductance	4759	µS/cm	CAPA-09-12194
PCAO-7b2	8581	10	10/21/10	WG	Temperature	16.04	deg C	CAPA-10-26904
PCAO-7b2	8581	10	02/24/10	WG	Temperature	11.4	deg C	CAPA-10-12847
PCAO-7b2	8581	10	12/10/09	WG	Temperature	11.76	deg C	CAPA-10-6756
PCAO-7b2	8581	10	09/15/09	WG	Temperature	14.03	deg C	CAPA-09-12194

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
PCAO-7b2	8581	10	06/04/09	WG	Temperature	12.49	deg C	CAPA-09-9432
PCAO-7b2	8581	10	10/21/10	WG	Turbidity	14.4	NTU	CAPA-10-26904
PCAO-7b2	8581	10	02/24/10	WG	Turbidity	20.8	NTU	CAPA-10-12847
PCAO-7b2	8581	10	12/10/09	WG	Turbidity	1.94	NTU	CAPA-10-6756
PCAO-7b2	8581	10	09/15/09	WG	Turbidity	43.9	NTU	CAPA-09-12194
PCAO-7b2	8581	10	06/04/09	WG	Turbidity	20.5	NTU	CAPA-09-9432
PCAO-7c	8531	9.7	10/07/10	WG	Dissolved Oxygen	3.59	mg/L	CAPA-10-26906
PCAO-7c	8531	9.7	03/02/10	WG	Dissolved Oxygen	2.97	mg/L	CAPA-10-12876
PCAO-7c	8531	9.7	12/10/09	WG	Dissolved Oxygen	3.14	mg/L	CAPA-10-6758
PCAO-7c	8531	9.7	09/14/09	WG	Dissolved Oxygen	4.16	mg/L	CAPA-09-12220
PCAO-7c	8531	9.7	06/03/09	WG	Dissolved Oxygen	6.4	mg/L	CAPA-09-9395
PCAO-7c	8531	9.7	10/07/10	WG	pH	5.77	SU	CAPA-10-26906
PCAO-7c	8531	9.7	03/02/10	WG	pH	5.79	SU	CAPA-10-12876
PCAO-7c	8531	9.7	12/10/09	WG	pH	5.54	SU	CAPA-10-6758
PCAO-7c	8531	9.7	09/14/09	WG	pH	5.95	SU	CAPA-09-12220
PCAO-7c	8531	9.7	06/03/09	WG	pH	6.07	SU	CAPA-09-9395
PCAO-7c	8531	9.7	10/07/10	WG	Specific Conductance	341	µS/cm	CAPA-10-26906
PCAO-7c	8531	9.7	03/02/10	WG	Specific Conductance	211	µS/cm	CAPA-10-12876
PCAO-7c	8531	9.7	12/10/09	WG	Specific Conductance	218	µS/cm	CAPA-10-6758
PCAO-7c	8531	9.7	09/14/09	WG	Specific Conductance	2234	µS/cm	CAPA-09-12220
PCAO-7c	8531	9.7	06/03/09	WG	Specific Conductance	202	µS/cm	CAPA-09-9395
PCAO-7c	8531	9.7	10/07/10	WG	Temperature	12.43	deg C	CAPA-10-26906
PCAO-7c	8531	9.7	03/02/10	WG	Temperature	11.23	deg C	CAPA-10-12876
PCAO-7c	8531	9.7	12/10/09	WG	Temperature	11.48	deg C	CAPA-10-6758
PCAO-7c	8531	9.7	09/14/09	WG	Temperature	11.87	deg C	CAPA-09-12220
PCAO-7c	8531	9.7	06/03/09	WG	Temperature	11.07	deg C	CAPA-09-9395
PCAO-7c	8531	9.7	10/07/10	WG	Turbidity	3.6	NTU	CAPA-10-26906
PCAO-7c	8531	9.7	03/02/10	WG	Turbidity	11.3	NTU	CAPA-10-12876
PCAO-7c	8531	9.7	12/10/09	WG	Turbidity	4.96	NTU	CAPA-10-6758

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
PCAO-7c	8531	9.7	09/14/09	WG	Turbidity	5.9	NTU	CAPA-09-12220
PCAO-7c	8531	9.7	06/03/09	WG	Turbidity	13.2	NTU	CAPA-09-9395
PCAO-8	8541	9.7	10/23/10	WG	Dissolved Oxygen	4.07	mg/L	CAPA-10-27432
PCAO-8	8541	9.7	06/08/10	WG	Dissolved Oxygen	5.55	mg/L	CAPA-10-17777
PCAO-8	8541	9.7	03/02/10	WG	Dissolved Oxygen	6	mg/L	CAPA-10-13076
PCAO-8	8541	9.7	09/10/09	WG	Dissolved Oxygen	5.5	mg/L	CAPA-09-12225
PCAO-8	8541	9.7	09/17/08	WG	Dissolved Oxygen	1.2	mg/L	CAPA-08-15001
PCAO-8	8541	9.7	10/23/10	WG	Oxidation Reduction Potential	405.5	mV	CAPA-10-27432
PCAO-8	8541	9.7	06/08/10	WG	Oxidation Reduction Potential	377.7	mV	CAPA-10-17777
PCAO-8	8541	9.7	03/02/10	WG	Oxidation Reduction Potential	365	mV	CAPA-10-13076
PCAO-8	8541	9.7	09/10/09	WG	Oxidation Reduction Potential	229.8	mV	CAPA-09-12225
PCAO-8	8541	9.7	09/17/08	WG	Oxidation Reduction Potential	233	mV	CAPA-08-15001
PCAO-8	8541	9.7	10/23/10	WG	pH	6.17	SU	CAPA-10-27432
PCAO-8	8541	9.7	06/08/10	WG	pH	5.82	SU	CAPA-10-17777
PCAO-8	8541	9.7	03/02/10	WG	pH	6.23	SU	CAPA-10-13076
PCAO-8	8541	9.7	09/10/09	WG	pH	6.28	SU	CAPA-09-12225
PCAO-8	8541	9.7	09/17/08	WG	pH	6.71	SU	CAPA-08-15001
PCAO-8	8541	9.7	10/23/10	WG	Specific Conductance	891	µS/cm	CAPA-10-27432
PCAO-8	8541	9.7	06/08/10	WG	Specific Conductance	896	µS/cm	CAPA-10-17777
PCAO-8	8541	9.7	03/02/10	WG	Specific Conductance	389	µS/cm	CAPA-10-13076
PCAO-8	8541	9.7	09/10/09	WG	Specific Conductance	417	µS/cm	CAPA-09-12225
PCAO-8	8541	9.7	09/17/08	WG	Specific Conductance	552	µS/cm	CAPA-08-15001
PCAO-8	8541	9.7	10/23/10	WG	Temperature	14.77	deg C	CAPA-10-27432
PCAO-8	8541	9.7	06/08/10	WG	Temperature	11.05	deg C	CAPA-10-17777
PCAO-8	8541	9.7	03/02/10	WG	Temperature	10.91	deg C	CAPA-10-13076
PCAO-8	8541	9.7	09/10/09	WG	Temperature	13.67	deg C	CAPA-09-12225
PCAO-8	8541	9.7	09/17/08	WG	Temperature	15.4	deg C	CAPA-08-15001
PCAO-8	8541	9.7	10/23/10	WG	Turbidity	17.5	NTU	CAPA-10-27432
PCAO-8	8541	9.7	06/08/10	WG	Turbidity	1.83	NTU	CAPA-10-17777

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
PCAO-8	8541	9.7	03/02/10	WG	Turbidity	11.8	NTU	CAPA-10-13076
PCAO-8	8541	9.7	09/10/09	WG	Turbidity	21.8	NTU	CAPA-09-12225
PCAO-8	8541	9.7	09/17/08	WG	Turbidity	62.1	NTU	CAPA-08-15001
PCI-2	8851	512	10/11/10	WG	Dissolved Oxygen	7.59	mg/L	CAPA-10-26957
PCI-2	8851	512	08/02/10	WG	Dissolved Oxygen	7.45	mg/L	CAPA-10-24132
PCI-2	8851	512	06/07/10	WG	Dissolved Oxygen	6.54	mg/L	CAPA-10-17850
PCI-2	8851	512	03/01/10	WG	Dissolved Oxygen	7.48	mg/L	CAPA-10-12892
PCI-2	8851	512	12/14/09	WG	Dissolved Oxygen	7.56	mg/L	CAPA-10-6784
PCI-2	8851	512	10/11/10	WG	Oxidation Reduction Potential	75.1	mV	CAPA-10-26957
PCI-2	8851	512	08/02/10	WG	Oxidation Reduction Potential	376.5	mV	CAPA-10-24132
PCI-2	8851	512	06/07/10	WG	Oxidation Reduction Potential	156.9	mV	CAPA-10-17850
PCI-2	8851	512	03/01/10	WG	Oxidation Reduction Potential	223.2	mV	CAPA-10-12892
PCI-2	8851	512	12/14/09	WG	Oxidation Reduction Potential	236.5	mV	CAPA-10-6784
PCI-2	8851	512	10/11/10	WG	pH	6.77	SU	CAPA-10-26957
PCI-2	8851	512	08/02/10	WG	pH	7.16	SU	CAPA-10-24132
PCI-2	8851	512	06/07/10	WG	pH	8.27	SU	CAPA-10-17850
PCI-2	8851	512	03/01/10	WG	pH	6.57	SU	CAPA-10-12892
PCI-2	8851	512	10/11/10	WG	Specific Conductance	108	µS/cm	CAPA-10-26957
PCI-2	8851	512	08/02/10	WG	Specific Conductance	102	µS/cm	CAPA-10-24132
PCI-2	8851	512	06/07/10	WG	Specific Conductance	86	µS/cm	CAPA-10-17850
PCI-2	8851	512	03/01/10	WG	Specific Conductance	109	µS/cm	CAPA-10-12892
PCI-2	8851	512	10/11/10	WG	Temperature	13.56	deg C	CAPA-10-26957
PCI-2	8851	512	08/02/10	WG	Temperature	14.28	deg C	CAPA-10-24132
PCI-2	8851	512	06/07/10	WG	Temperature	14.12	deg C	CAPA-10-17850
PCI-2	8851	512	03/01/10	WG	Temperature	11.43	deg C	CAPA-10-12892
PCI-2	8851	512	12/14/09	WG	Temperature	12.77	deg C	CAPA-10-6784
PCI-2	8851	512	10/11/10	WG	Turbidity	0.7	NTU	CAPA-10-26957
PCI-2	8851	512	08/02/10	WG	Turbidity	1.08	NTU	CAPA-10-24132
PCI-2	8851	512	06/07/10	WG	Turbidity	1.06	NTU	CAPA-10-17850

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
PCI-2	8851	512	03/01/10	WG	Turbidity	0.85	NTU	CAPA-10-12892
PCI-2	8851	512	12/14/09	WG	Turbidity	3.34	NTU	CAPA-10-6784
R-17	7031	1057	10/22/10	WG	Dissolved Oxygen	7.41	mg/L	CAPA-10-26961
R-17	7031	1057	08/04/10	WG	Dissolved Oxygen	5.86	mg/L	CAPA-10-24093
R-17	7031	1057	06/14/10	WG	Dissolved Oxygen	5.87	mg/L	CAPA-10-17586
R-17	7031	1057	03/08/10	WG	Dissolved Oxygen	7.32	mg/L	CAPA-10-12798
R-17	7031	1057	12/16/09	WG	Dissolved Oxygen	5.91	mg/L	CAPA-10-6173
R-17	7031	1057	10/22/10	WG	Oxidation Reduction Potential	394.6	mV	CAPA-10-26961
R-17	7031	1057	08/04/10	WG	Oxidation Reduction Potential	257.7	mV	CAPA-10-24093
R-17	7031	1057	06/14/10	WG	Oxidation Reduction Potential	209.1	mV	CAPA-10-17586
R-17	7031	1057	03/08/10	WG	Oxidation Reduction Potential	251.7	mV	CAPA-10-12798
R-17	7031	1057	12/16/09	WG	Oxidation Reduction Potential	403.2	mV	CAPA-10-6173
R-17	7031	1057	10/22/10	WG	pH	7.7	SU	CAPA-10-26961
R-17	7031	1057	08/04/10	WG	pH	7.65	SU	CAPA-10-24093
R-17	7031	1057	06/14/10	WG	pH	7.66	SU	CAPA-10-17586
R-17	7031	1057	03/08/10	WG	pH	7.94	SU	CAPA-10-12798
R-17	7031	1057	12/16/09	WG	pH	7.57	SU	CAPA-10-6173
R-17	7031	1057	10/22/10	WG	Specific Conductance	129	µS/cm	CAPA-10-26961
R-17	7031	1057	08/04/10	WG	Specific Conductance	128	µS/cm	CAPA-10-24093
R-17	7031	1057	06/14/10	WG	Specific Conductance	117	µS/cm	CAPA-10-17586
R-17	7031	1057	03/08/10	WG	Specific Conductance	129	µS/cm	CAPA-10-12798
R-17	7031	1057	12/16/09	WG	Specific Conductance	127	µS/cm	CAPA-10-6173
R-17	7031	1057	10/22/10	WG	Temperature	18.98	deg C	CAPA-10-26961
R-17	7031	1057	08/04/10	WG	Temperature	22.65	deg C	CAPA-10-24093
R-17	7031	1057	06/14/10	WG	Temperature	21.38	deg C	CAPA-10-17586
R-17	7031	1057	03/08/10	WG	Temperature	18.97	deg C	CAPA-10-12798
R-17	7031	1057	12/16/09	WG	Temperature	18.52	deg C	CAPA-10-6173
R-17	7031	1057	10/22/10	WG	Turbidity	0.73	NTU	CAPA-10-26961
R-17	7031	1057	08/04/10	WG	Turbidity	1.57	NTU	CAPA-10-24093

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-17	7031	1057	06/14/10	WG	Turbidity	1.65	NTU	CAPA-10-17586
R-17	7031	1057	03/08/10	WG	Turbidity	1.51	NTU	CAPA-10-12798
R-17	7031	1057	12/16/09	WG	Turbidity	1.24	NTU	CAPA-10-6173
R-17	7041	1124	10/22/10	WG	Dissolved Oxygen	6.98	mg/L	CAPA-10-26963
R-17	7041	1124	08/04/10	WG	Dissolved Oxygen	5.21	mg/L	CAPA-10-24097
R-17	7041	1124	06/14/10	WG	Dissolved Oxygen	5.57	mg/L	CAPA-10-17591
R-17	7041	1124	03/08/10	WG	Dissolved Oxygen	6.6	mg/L	CAPA-10-12801
R-17	7041	1124	12/16/09	WG	Dissolved Oxygen	6.28	mg/L	CAPA-10-6175
R-17	7041	1124	10/22/10	WG	Oxidation Reduction Potential	432.9	mV	CAPA-10-26963
R-17	7041	1124	08/04/10	WG	Oxidation Reduction Potential	249.6	mV	CAPA-10-24097
R-17	7041	1124	06/14/10	WG	Oxidation Reduction Potential	102.1	mV	CAPA-10-17591
R-17	7041	1124	03/08/10	WG	Oxidation Reduction Potential	232.5	mV	CAPA-10-12801
R-17	7041	1124	12/16/09	WG	Oxidation Reduction Potential	166.5	mV	CAPA-10-6175
R-17	7041	1124	10/22/10	WG	pH	7.71	SU	CAPA-10-26963
R-17	7041	1124	08/04/10	WG	pH	7.67	SU	CAPA-10-24097
R-17	7041	1124	06/14/10	WG	pH	7.74	SU	CAPA-10-17591
R-17	7041	1124	03/08/10	WG	pH	7.98	SU	CAPA-10-12801
R-17	7041	1124	12/16/09	WG	pH	7.65	SU	CAPA-10-6175
R-17	7041	1124	10/22/10	WG	Specific Conductance	120	µS/cm	CAPA-10-26963
R-17	7041	1124	08/04/10	WG	Specific Conductance	119	µS/cm	CAPA-10-24097
R-17	7041	1124	06/14/10	WG	Specific Conductance	109	µS/cm	CAPA-10-17591
R-17	7041	1124	03/08/10	WG	Specific Conductance	120	µS/cm	CAPA-10-12801
R-17	7041	1124	12/16/09	WG	Specific Conductance	119	µS/cm	CAPA-10-6175
R-17	7041	1124	10/22/10	WG	Temperature	19.45	deg C	CAPA-10-26963
R-17	7041	1124	08/04/10	WG	Temperature	22.7	deg C	CAPA-10-24097
R-17	7041	1124	06/14/10	WG	Temperature	22.41	deg C	CAPA-10-17591
R-17	7041	1124	03/08/10	WG	Temperature	19.23	deg C	CAPA-10-12801
R-17	7041	1124	12/16/09	WG	Temperature	21.11	deg C	CAPA-10-6175
R-17	7041	1124	10/22/10	WG	Turbidity	0.58	NTU	CAPA-10-26963

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-17	7041	1124	08/04/10	WG	Turbidity	0.41	NTU	CAPA-10-24097
R-17	7041	1124	06/14/10	WG	Turbidity	0.24	NTU	CAPA-10-17591
R-17	7041	1124	03/08/10	WG	Turbidity	0.44	NTU	CAPA-10-12801
R-17	7041	1124	12/16/09	WG	Turbidity	0.39	NTU	CAPA-10-6175
R-18	5861	1358	10/21/10	WG	Dissolved Oxygen	5.09	mg/L	CAPA-10-27415
R-18	5861	1358	03/11/10	WG	Dissolved Oxygen	9.31	mg/L	CAPA-10-12807
R-18	5861	1358	09/14/09	WG	Dissolved Oxygen	4.53	mg/L	CAPA-09-12168
R-18	5861	1358	05/28/09	WG	Dissolved Oxygen	5.53	mg/L	CAPA-09-9404
R-18	5861	1358	03/12/09	WG	Dissolved Oxygen	5.32	mg/L	CAPA-09-4348
R-18	5861	1358	10/21/10	WG	Oxidation Reduction Potential	500.9	mV	CAPA-10-27415
R-18	5861	1358	03/11/10	WG	Oxidation Reduction Potential	275.8	mV	CAPA-10-12807
R-18	5861	1358	09/14/09	WG	Oxidation Reduction Potential	404.4	mV	CAPA-09-12168
R-18	5861	1358	05/28/09	WG	Oxidation Reduction Potential	298.5	mV	CAPA-09-9404
R-18	5861	1358	03/12/09	WG	Oxidation Reduction Potential	146.5	mV	CAPA-09-4348
R-18	5861	1358	10/21/10	WG	pH	7.47	SU	CAPA-10-27415
R-18	5861	1358	03/11/10	WG	pH	7.59	SU	CAPA-10-12807
R-18	5861	1358	09/14/09	WG	pH	7.49	SU	CAPA-09-12168
R-18	5861	1358	05/28/09	WG	pH	7.53	SU	CAPA-09-9404
R-18	5861	1358	10/21/10	WG	Specific Conductance	113	µS/cm	CAPA-10-27415
R-18	5861	1358	03/11/10	WG	Specific Conductance	117	µS/cm	CAPA-10-12807
R-18	5861	1358	09/14/09	WG	Specific Conductance	110	µS/cm	CAPA-09-12168
R-18	5861	1358	05/28/09	WG	Specific Conductance	105	µS/cm	CAPA-09-9404
R-18	5861	1358	10/21/10	WG	Temperature	15.53	deg C	CAPA-10-27415
R-18	5861	1358	03/11/10	WG	Temperature	14.35	deg C	CAPA-10-12807
R-18	5861	1358	09/14/09	WG	Temperature	17.29	deg C	CAPA-09-12168
R-18	5861	1358	05/28/09	WG	Temperature	16.05	deg C	CAPA-09-9404
R-18	5861	1358	03/12/09	WG	Temperature	15.62	deg C	CAPA-09-4348
R-18	5861	1358	10/21/10	WG	Turbidity	0.27	NTU	CAPA-10-27415
R-18	5861	1358	03/11/10	WG	Turbidity	0.81	NTU	CAPA-10-12807

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-18	5861	1358	09/14/09	WG	Turbidity	0.32	NTU	CAPA-09-12168
R-18	5861	1358	05/28/09	WG	Turbidity	0.35	NTU	CAPA-09-9404
R-18	5861	1358	03/12/09	WG	Turbidity	0.06	NTU	CAPA-09-4348
R-19	232	909.3	10/15/10	WG	Dissolved Oxygen	3.46	mg/L	CAPA-10-26954
R-19	232	909.3	06/02/10	WG	Dissolved Oxygen	3.85	mg/L	CAPA-10-17572
R-19	232	909.3	02/25/10	WG	Dissolved Oxygen	5.12	mg/L	CAPA-10-12794
R-19	232	909.3	12/03/09	WG	Dissolved Oxygen	6.85	mg/L	CAPA-10-6108
R-19	232	909.3	09/10/09	WG	Dissolved Oxygen	3.55	mg/L	CAPA-09-12155
R-19	232	909.3	10/15/10	WG	pH	8.04	SU	CAPA-10-26954
R-19	232	909.3	06/02/10	WG	pH	7.96	SU	CAPA-10-17572
R-19	232	909.3	02/25/10	WG	pH	7.76	SU	CAPA-10-12794
R-19	232	909.3	12/03/09	WG	pH	7.91	SU	CAPA-10-6108
R-19	232	909.3	09/10/09	WG	pH	8.36	SU	CAPA-09-12155
R-19	232	909.3	10/15/10	WG	Specific Conductance	168	µS/cm	CAPA-10-26954
R-19	232	909.3	06/02/10	WG	Specific Conductance	169	µS/cm	CAPA-10-17572
R-19	232	909.3	02/25/10	WG	Specific Conductance	164	µS/cm	CAPA-10-12794
R-19	232	909.3	12/03/09	WG	Specific Conductance	167	µS/cm	CAPA-10-6108
R-19	232	909.3	09/10/09	WG	Specific Conductance	164	µS/cm	CAPA-09-12155
R-19	232	909.3	10/15/10	WG	Temperature	19.12	deg C	CAPA-10-26954
R-19	232	909.3	06/02/10	WG	Temperature	19.47	deg C	CAPA-10-17572
R-19	232	909.3	02/25/10	WG	Temperature	12.8	deg C	CAPA-10-12794
R-19	232	909.3	12/03/09	WG	Temperature	12.67	deg C	CAPA-10-6108
R-19	232	909.3	09/10/09	WG	Temperature	22.83	deg C	CAPA-09-12155
R-19	232	909.3	10/15/10	WG	Turbidity	0.31	NTU	CAPA-10-26954
R-19	232	909.3	06/02/10	WG	Turbidity	0.32	NTU	CAPA-10-17572
R-19	232	909.3	02/25/10	WG	Turbidity	0.95	NTU	CAPA-10-12794
R-19	232	909.3	12/03/09	WG	Turbidity	1.14	NTU	CAPA-10-6108
R-19	232	909.3	09/10/09	WG	Turbidity	2.05	NTU	CAPA-09-12155
R-19	282	1190.7	10/15/10	WG	Dissolved Oxygen	6.09	mg/L	CAPA-10-27366

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-19	282	1190.7	07/29/10	WG	Dissolved Oxygen	9.37	mg/L	CAPA-10-24099
R-19	282	1190.7	06/03/10	WG	Dissolved Oxygen	4.72	mg/L	CAPA-10-17593
R-19	282	1190.7	02/26/10	WG	Dissolved Oxygen	3.91	mg/L	CAPA-10-12810
R-19	282	1190.7	12/02/09	WG	Dissolved Oxygen	5.5	mg/L	CAPA-10-6273
R-19	282	1190.7	10/15/10	WG	pH	7.52	SU	CAPA-10-27366
R-19	282	1190.7	07/29/10	WG	pH	7.67	SU	CAPA-10-24099
R-19	282	1190.7	06/03/10	WG	pH	7.73	SU	CAPA-10-17593
R-19	282	1190.7	02/26/10	WG	pH	7.74	SU	CAPA-10-12810
R-19	282	1190.7	12/02/09	WG	pH	7.74	SU	CAPA-10-6273
R-19	282	1190.7	10/15/10	WG	Specific Conductance	126	µS/cm	CAPA-10-27366
R-19	282	1190.7	07/29/10	WG	Specific Conductance	125	µS/cm	CAPA-10-24099
R-19	282	1190.7	06/03/10	WG	Specific Conductance	133	µS/cm	CAPA-10-17593
R-19	282	1190.7	02/26/10	WG	Specific Conductance	129	µS/cm	CAPA-10-12810
R-19	282	1190.7	12/02/09	WG	Specific Conductance	108	µS/cm	CAPA-10-6273
R-19	282	1190.7	10/15/10	WG	Temperature	19.77	deg C	CAPA-10-27366
R-19	282	1190.7	07/29/10	WG	Temperature	24.08	deg C	CAPA-10-24099
R-19	282	1190.7	06/03/10	WG	Temperature	21.45	deg C	CAPA-10-17593
R-19	282	1190.7	02/26/10	WG	Temperature	18.37	deg C	CAPA-10-12810
R-19	282	1190.7	12/02/09	WG	Temperature	16.07	deg C	CAPA-10-6273
R-19	282	1190.7	10/15/10	WG	Turbidity	0.2	NTU	CAPA-10-27366
R-19	282	1190.7	07/29/10	WG	Turbidity	0.42	NTU	CAPA-10-24099
R-19	282	1190.7	06/03/10	WG	Turbidity	0.62	NTU	CAPA-10-17593
R-19	282	1190.7	02/26/10	WG	Turbidity	1.53	NTU	CAPA-10-12810
R-19	282	1190.7	12/02/09	WG	Turbidity	0.84	NTU	CAPA-10-6273
R-19	352	1412.9	10/14/10	WG	Dissolved Oxygen	7.21	mg/L	CAPA-10-27369
R-19	352	1412.9	07/30/10	WG	Dissolved Oxygen	5.65	mg/L	CAPA-10-24102
R-19	352	1412.9	06/03/10	WG	Dissolved Oxygen	8.03	mg/L	CAPA-10-17598
R-19	352	1412.9	02/26/10	WG	Dissolved Oxygen	9.02	mg/L	CAPA-10-12812
R-19	352	1412.9	12/02/09	WG	Dissolved Oxygen	9.12	mg/L	CAPA-10-6345

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-19	352	1412.9	10/14/10	WG	pH	7.68	SU	CAPA-10-27369
R-19	352	1412.9	07/30/10	WG	pH	7.8	SU	CAPA-10-24102
R-19	352	1412.9	06/03/10	WG	pH	7.88	SU	CAPA-10-17598
R-19	352	1412.9	02/26/10	WG	pH	7.52	SU	CAPA-10-12812
R-19	352	1412.9	12/02/09	WG	pH	7.66	SU	CAPA-10-6345
R-19	352	1412.9	10/14/10	WG	Specific Conductance	116	µS/cm	CAPA-10-27369
R-19	352	1412.9	07/30/10	WG	Specific Conductance	106	µS/cm	CAPA-10-24102
R-19	352	1412.9	06/03/10	WG	Specific Conductance	113	µS/cm	CAPA-10-17598
R-19	352	1412.9	02/26/10	WG	Specific Conductance	109	µS/cm	CAPA-10-12812
R-19	352	1412.9	12/02/09	WG	Specific Conductance	95	µS/cm	CAPA-10-6345
R-19	352	1412.9	10/14/10	WG	Temperature	21.32	deg C	CAPA-10-27369
R-19	352	1412.9	07/30/10	WG	Temperature	23.81	deg C	CAPA-10-24102
R-19	352	1412.9	06/03/10	WG	Temperature	22.41	deg C	CAPA-10-17598
R-19	352	1412.9	02/26/10	WG	Temperature	18.53	deg C	CAPA-10-12812
R-19	352	1412.9	12/02/09	WG	Temperature	13.65	deg C	CAPA-10-6345
R-19	352	1412.9	10/14/10	WG	Turbidity	0.86	NTU	CAPA-10-27369
R-19	352	1412.9	07/30/10	WG	Turbidity	0.35	NTU	CAPA-10-24102
R-19	352	1412.9	06/03/10	WG	Turbidity	0.53	NTU	CAPA-10-17598
R-19	352	1412.9	02/26/10	WG	Turbidity	1.07	NTU	CAPA-10-12812
R-19	352	1412.9	12/02/09	WG	Turbidity	0.92	NTU	CAPA-10-6345
R-20	8441	904.6	10/20/10	WG	Dissolved Oxygen	2.36	mg/L	CAPA-10-27373
R-20	8441	904.6	08/03/10	WG	Dissolved Oxygen	1.76	mg/L	CAPA-10-24105
R-20	8441	904.6	06/15/10	WG	Dissolved Oxygen	1.49	mg/L	CAPA-10-17601
R-20	8441	904.6	03/13/10	WG	Dissolved Oxygen	1.82	mg/L	CAPA-10-12817
R-20	8441	904.6	12/01/09	WG	Dissolved Oxygen	2.45	mg/L	CAPA-10-6373
R-20	8441	904.6	10/20/10	WG	Oxidation Reduction Potential	92.3	mV	CAPA-10-27373
R-20	8441	904.6	08/03/10	WG	Oxidation Reduction Potential	−18.6	mV	CAPA-10-24105
R-20	8441	904.6	06/15/10	WG	Oxidation Reduction Potential	−100.8	mV	CAPA-10-17601
R-20	8441	904.6	03/13/10	WG	Oxidation Reduction Potential	−66	mV	CAPA-10-12817

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-20	8441	904.6	12/01/09	WG	Oxidation Reduction Potential	−40.9	mV	CAPA-10-6373
R-20	8441	904.6	10/20/10	WG	pH	8.15	SU	CAPA-10-27373
R-20	8441	904.6	08/03/10	WG	pH	8.22	SU	CAPA-10-24105
R-20	8441	904.6	06/15/10	WG	pH	8.33	SU	CAPA-10-17601
R-20	8441	904.6	03/13/10	WG	pH	8.43	SU	CAPA-10-12817
R-20	8441	904.6	12/01/09	WG	pH	8.2	SU	CAPA-10-6373
R-20	8441	904.6	10/20/10	WG	Specific Conductance	152	µS/cm	CAPA-10-27373
R-20	8441	904.6	08/03/10	WG	Specific Conductance	137	µS/cm	CAPA-10-24105
R-20	8441	904.6	06/15/10	WG	Specific Conductance	146	µS/cm	CAPA-10-17601
R-20	8441	904.6	03/13/10	WG	Specific Conductance	136	µS/cm	CAPA-10-12817
R-20	8441	904.6	12/01/09	WG	Specific Conductance	142	µS/cm	CAPA-10-6373
R-20	8441	904.6	10/20/10	WG	Temperature	18.47	deg C	CAPA-10-27373
R-20	8441	904.6	08/03/10	WG	Temperature	19.84	deg C	CAPA-10-24105
R-20	8441	904.6	06/15/10	WG	Temperature	18.82	deg C	CAPA-10-17601
R-20	8441	904.6	03/13/10	WG	Temperature	18.2	deg C	CAPA-10-12817
R-20	8441	904.6	12/01/09	WG	Temperature	17.89	deg C	CAPA-10-6373
R-20	8441	904.6	10/20/10	WG	Turbidity	0.53	NTU	CAPA-10-27373
R-20	8441	904.6	08/03/10	WG	Turbidity	0.79	NTU	CAPA-10-24105
R-20	8441	904.6	06/15/10	WG	Turbidity	0.57	NTU	CAPA-10-17601
R-20	8441	904.6	03/13/10	WG	Turbidity	1.32	NTU	CAPA-10-12817
R-20	8441	904.6	12/01/09	WG	Turbidity	0.73	NTU	CAPA-10-6373
R-20	8451	1147.1	10/11/10	WG	Dissolved Oxygen	1.8	mg/L	CAPA-10-27377
R-20	8451	1147.1	06/01/10	WG	Dissolved Oxygen	1.44	mg/L	CAPA-10-17607
R-20	8451	1147.1	02/24/10	WG	Dissolved Oxygen	2.68	mg/L	CAPA-10-12823
R-20	8451	1147.1	12/02/09	WG	Dissolved Oxygen	1.4	mg/L	CAPA-10-6855
R-20	8451	1147.1	12/02/09	WG	Dissolved Oxygen	1.96	mg/L	CAPA-10-6860
R-20	8451	1147.1	12/02/09	WG	Dissolved Oxygen	1.96	mg/L	CAPA-10-6861
R-20	8451	1147.1	10/11/10	WG	Oxidation Reduction Potential	88.5	mV	CAPA-10-27377
R-20	8451	1147.1	06/01/10	WG	Oxidation Reduction Potential	54	mV	CAPA-10-17607

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-20	8451	1147.1	02/24/10	WG	Oxidation Reduction Potential	−22.5	mV	CAPA-10-12823
R-20	8451	1147.1	12/02/09	WG	Oxidation Reduction Potential	−114.9	mV	CAPA-10-6855
R-20	8451	1147.1	12/02/09	WG	Oxidation Reduction Potential	−118	mV	CAPA-10-6860
R-20	8451	1147.1	12/02/09	WG	Oxidation Reduction Potential	−118	mV	CAPA-10-6861
R-20	8451	1147.1	10/11/10	WG	pH	7.77	SU	CAPA-10-27377
R-20	8451	1147.1	06/01/10	WG	pH	7.87	SU	CAPA-10-17607
R-20	8451	1147.1	02/24/10	WG	pH	7.51	SU	CAPA-10-12823
R-20	8451	1147.1	12/02/09	WG	pH	7.59	SU	CAPA-10-6855
R-20	8451	1147.1	10/11/10	WG	Specific Conductance	138	µS/cm	CAPA-10-27377
R-20	8451	1147.1	06/01/10	WG	Specific Conductance	142	µS/cm	CAPA-10-17607
R-20	8451	1147.1	02/24/10	WG	Specific Conductance	153	µS/cm	CAPA-10-12823
R-20	8451	1147.1	12/02/09	WG	Specific Conductance	157	µS/cm	CAPA-10-6855
R-20	8451	1147.1	10/11/10	WG	Temperature	20.22	deg C	CAPA-10-27377
R-20	8451	1147.1	06/01/10	WG	Temperature	21.56	deg C	CAPA-10-17607
R-20	8451	1147.1	02/24/10	WG	Temperature	13.02	deg C	CAPA-10-12823
R-20	8451	1147.1	12/02/09	WG	Temperature	18.65	deg C	CAPA-10-6855
R-20	8451	1147.1	12/02/09	WG	Temperature	18.13	deg C	CAPA-10-6860
R-20	8451	1147.1	12/02/09	WG	Temperature	18.13	deg C	CAPA-10-6861
R-20	8451	1147.1	10/11/10	WG	Turbidity	0.29	NTU	CAPA-10-27377
R-20	8451	1147.1	06/01/10	WG	Turbidity	1.03	NTU	CAPA-10-17607
R-20	8451	1147.1	02/24/10	WG	Turbidity	3.15	NTU	CAPA-10-12823
R-20	8451	1147.1	12/02/09	WG	Turbidity	0.6	NTU	CAPA-10-6855
R-20	8451	1147.1	12/02/09	WG	Turbidity	1.13	NTU	CAPA-10-6860
R-20	8451	1147.1	12/02/09	WG	Turbidity	1.13	NTU	CAPA-10-6861
R-21	1761	888.8	10/11/10	WG	Dissolved Oxygen	5.33	mg/L	CAPA-10-27382
R-21	1761	888.8	08/11/10	WG	Dissolved Oxygen	5.74	mg/L	CAPA-10-24115
R-21	1761	888.8	06/11/10	WG	Dissolved Oxygen	5.82	mg/L	CAPA-10-17672
R-21	1761	888.8	03/12/10	WG	Dissolved Oxygen	4.97	mg/L	CAPA-10-12829
R-21	1761	888.8	12/04/09	WG	Dissolved Oxygen	5.1	mg/L	CAPA-10-6381

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-21	1761	888.8	10/11/10	WG	Oxidation Reduction Potential	89.4	mV	CAPA-10-27382
R-21	1761	888.8	08/11/10	WG	Oxidation Reduction Potential	195.1	mV	CAPA-10-24115
R-21	1761	888.8	06/11/10	WG	Oxidation Reduction Potential	85.7	mV	CAPA-10-17672
R-21	1761	888.8	03/12/10	WG	Oxidation Reduction Potential	97.1	mV	CAPA-10-12829
R-21	1761	888.8	12/04/09	WG	Oxidation Reduction Potential	110.6	mV	CAPA-10-6381
R-21	1761	888.8	10/11/10	WG	pH	7.87	SU	CAPA-10-27382
R-21	1761	888.8	08/11/10	WG	pH	7.73	SU	CAPA-10-24115
R-21	1761	888.8	06/11/10	WG	pH	7.63	SU	CAPA-10-17672
R-21	1761	888.8	03/12/10	WG	pH	7.56	SU	CAPA-10-12829
R-21	1761	888.8	12/04/09	WG	pH	7.7	SU	CAPA-10-6381
R-21	1761	888.8	10/11/10	WG	Specific Conductance	126	µS/cm	CAPA-10-27382
R-21	1761	888.8	08/11/10	WG	Specific Conductance	132	µS/cm	CAPA-10-24115
R-21	1761	888.8	06/11/10	WG	Specific Conductance	121	µS/cm	CAPA-10-17672
R-21	1761	888.8	03/12/10	WG	Specific Conductance	126	µS/cm	CAPA-10-12829
R-21	1761	888.8	12/04/09	WG	Specific Conductance	124	µS/cm	CAPA-10-6381
R-21	1761	888.8	10/11/10	WG	Temperature	20.64	deg C	CAPA-10-27382
R-21	1761	888.8	08/11/10	WG	Temperature	23.43	deg C	CAPA-10-24115
R-21	1761	888.8	06/11/10	WG	Temperature	22.11	deg C	CAPA-10-17672
R-21	1761	888.8	03/12/10	WG	Temperature	20.34	deg C	CAPA-10-12829
R-21	1761	888.8	12/04/09	WG	Temperature	17.86	deg C	CAPA-10-6381
R-21	1761	888.8	10/11/10	WG	Turbidity	0.21	NTU	CAPA-10-27382
R-21	1761	888.8	08/11/10	WG	Turbidity	0.58	NTU	CAPA-10-24115
R-21	1761	888.8	06/11/10	WG	Turbidity	0.11	NTU	CAPA-10-17672
R-21	1761	888.8	03/12/10	WG	Turbidity	0.2	NTU	CAPA-10-12829
R-21	1761	888.8	12/04/09	WG	Turbidity	0.15	NTU	CAPA-10-6381
R-23	1771	816	10/22/10	WG	Dissolved Oxygen	7.78	mg/L	CAPA-10-27384
R-23	1771	816	08/12/10	WG	Dissolved Oxygen	5.19	mg/L	CAPA-10-24119
R-23	1771	816	06/09/10	WG	Dissolved Oxygen	6.4	mg/L	CAPA-10-17737
R-23	1771	816	03/05/10	WG	Dissolved Oxygen	6.34	mg/L	CAPA-10-12833

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-23	1771	816	12/09/09	WG	Dissolved Oxygen	6.32	mg/L	CAPA-10-6347
R-23	1771	816	10/22/10	WG	Oxidation Reduction Potential	279.5	mV	CAPA-10-27384
R-23	1771	816	08/12/10	WG	Oxidation Reduction Potential	362.8	mV	CAPA-10-24119
R-23	1771	816	06/09/10	WG	Oxidation Reduction Potential	67.9	mV	CAPA-10-17737
R-23	1771	816	03/05/10	WG	Oxidation Reduction Potential	351.9	mV	CAPA-10-12833
R-23	1771	816	12/09/09	WG	Oxidation Reduction Potential	245.4	mV	CAPA-10-6347
R-23	1771	816	10/22/10	WG	pH	7.8	SU	CAPA-10-27384
R-23	1771	816	08/12/10	WG	pH	7.26	SU	CAPA-10-24119
R-23	1771	816	06/09/10	WG	pH	7.64	SU	CAPA-10-17737
R-23	1771	816	10/22/10	WG	Specific Conductance	169	µS/cm	CAPA-10-27384
R-23	1771	816	08/12/10	WG	Specific Conductance	173	µS/cm	CAPA-10-24119
R-23	1771	816	06/09/10	WG	Specific Conductance	170	µS/cm	CAPA-10-17737
R-23	1771	816	10/22/10	WG	Temperature	21.39	deg C	CAPA-10-27384
R-23	1771	816	08/12/10	WG	Temperature	20.01	deg C	CAPA-10-24119
R-23	1771	816	06/09/10	WG	Temperature	21.87	deg C	CAPA-10-17737
R-23	1771	816	03/05/10	WG	Temperature	20.29	deg C	CAPA-10-12833
R-23	1771	816	12/09/09	WG	Temperature	16.19	deg C	CAPA-10-6347
R-23	1771	816	10/22/10	WG	Turbidity	0.49	NTU	CAPA-10-27384
R-23	1771	816	08/12/10	WG	Turbidity	1.86	NTU	CAPA-10-24119
R-23	1771	816	06/09/10	WG	Turbidity	1.16	NTU	CAPA-10-17737
R-23	1771	816	03/05/10	WG	Turbidity	1.83	NTU	CAPA-10-12833
R-23	1771	816	12/09/09	WG	Turbidity	0.76	NTU	CAPA-10-6347
R-23i	7001	400.3	10/21/10	WG	Dissolved Oxygen	6.98	mg/L	CAPA-10-26931
R-23i	7001	400.3	08/09/10	WG	Dissolved Oxygen	5.74	mg/L	CAPA-10-24089
R-23i	7001	400.3	06/15/10	WG	Dissolved Oxygen	7.03	mg/L	CAPA-10-17584
R-23i	7001	400.3	03/10/10	WG	Dissolved Oxygen	8.23	mg/L	CAPA-10-12894
R-23i	7001	400.3	12/03/09	WG	Dissolved Oxygen	6.9	mg/L	CAPA-10-6787
R-23i	7001	400.3	10/21/10	WG	Oxidation Reduction Potential	417.5	mV	CAPA-10-26931
R-23i	7001	400.3	08/09/10	WG	Oxidation Reduction Potential	267	mV	CAPA-10-24089

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-23i	7001	400.3	06/15/10	WG	Oxidation Reduction Potential	145.9	mV	CAPA-10-17584
R-23i	7001	400.3	03/10/10	WG	Oxidation Reduction Potential	300.6	mV	CAPA-10-12894
R-23i	7001	400.3	12/03/09	WG	Oxidation Reduction Potential	294.5	mV	CAPA-10-6787
R-23i	7001	400.3	10/21/10	WG	pH	7.27	SU	CAPA-10-26931
R-23i	7001	400.3	08/09/10	WG	pH	7.35	SU	CAPA-10-24089
R-23i	7001	400.3	06/15/10	WG	pH	7.51	SU	CAPA-10-17584
R-23i	7001	400.3	03/10/10	WG	pH	7.68	SU	CAPA-10-12894
R-23i	7001	400.3	12/03/09	WG	pH	6.57	SU	CAPA-10-6787
R-23i	7001	400.3	10/21/10	WG	Specific Conductance	296	µS/cm	CAPA-10-26931
R-23i	7001	400.3	08/09/10	WG	Specific Conductance	289	µS/cm	CAPA-10-24089
R-23i	7001	400.3	06/15/10	WG	Specific Conductance	264	µS/cm	CAPA-10-17584
R-23i	7001	400.3	03/10/10	WG	Specific Conductance	293	µS/cm	CAPA-10-12894
R-23i	7001	400.3	12/03/09	WG	Specific Conductance	261	µS/cm	CAPA-10-6787
R-23i	7001	400.3	10/21/10	WG	Temperature	14.6	deg C	CAPA-10-26931
R-23i	7001	400.3	08/09/10	WG	Temperature	20.02	deg C	CAPA-10-24089
R-23i	7001	400.3	06/15/10	WG	Temperature	17.26	deg C	CAPA-10-17584
R-23i	7001	400.3	03/10/10	WG	Temperature	9.54	deg C	CAPA-10-12894
R-23i	7001	400.3	12/03/09	WG	Temperature	9.44	deg C	CAPA-10-6787
R-23i	7001	400.3	10/21/10	WG	Turbidity	4.6	NTU	CAPA-10-26931
R-23i	7001	400.3	08/09/10	WG	Turbidity	2.28	NTU	CAPA-10-24089
R-23i	7001	400.3	06/15/10	WG	Turbidity	5.95	NTU	CAPA-10-17584
R-23i	7001	400.3	12/03/09	WG	Turbidity	45.8	NTU	CAPA-10-6787
R-23i	7001	400.3	09/10/09	WG	Turbidity	4.94	NTU	CAPA-09-12239
R-23i	7011	470.2	10/18/10	WG	Dissolved Oxygen	4.66	mg/L	CAPA-10-26945
R-23i	7011	470.2	08/04/10	WG	Dissolved Oxygen	5.32	mg/L	CAPA-10-24083
R-23i	7011	470.2	06/17/10	WG	Dissolved Oxygen	13.77	mg/L	CAPA-10-17577
R-23i	7011	470.2	03/09/10	WG	Dissolved Oxygen	4.6	mg/L	CAPA-10-12899
R-23i	7011	470.2	12/02/09	WG	Dissolved Oxygen	0.69	mg/L	CAPA-10-6151
R-23i	7011	470.2	10/18/10	WG	Oxidation Reduction Potential	56.7	mV	CAPA-10-26945

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-23i	7011	470.2	08/04/10	WG	Oxidation Reduction Potential	53.8	mV	CAPA-10-24083
R-23i	7011	470.2	06/17/10	WG	Oxidation Reduction Potential	66.1	mV	CAPA-10-17577
R-23i	7011	470.2	03/09/10	WG	Oxidation Reduction Potential	104	mV	CAPA-10-12899
R-23i	7011	470.2	12/02/09	WG	Oxidation Reduction Potential	89.4	mV	CAPA-10-6151
R-23i	7011	470.2	10/18/10	WG	pH	7.83	SU	CAPA-10-26945
R-23i	7011	470.2	08/04/10	WG	pH	7.84	SU	CAPA-10-24083
R-23i	7011	470.2	06/17/10	WG	pH	7.98	SU	CAPA-10-17577
R-23i	7011	470.2	03/09/10	WG	pH	7.62	SU	CAPA-10-12899
R-23i	7011	470.2	10/18/10	WG	Specific Conductance	207	µS/cm	CAPA-10-26945
R-23i	7011	470.2	08/04/10	WG	Specific Conductance	214	µS/cm	CAPA-10-24083
R-23i	7011	470.2	06/17/10	WG	Specific Conductance	203	µS/cm	CAPA-10-17577
R-23i	7011	470.2	03/09/10	WG	Specific Conductance	215	µS/cm	CAPA-10-12899
R-23i	7011	470.2	10/18/10	WG	Temperature	15.98	deg C	CAPA-10-26945
R-23i	7011	470.2	08/04/10	WG	Temperature	17.06	deg C	CAPA-10-24083
R-23i	7011	470.2	06/17/10	WG	Temperature	16.23	deg C	CAPA-10-17577
R-23i	7011	470.2	03/09/10	WG	Temperature	15.24	deg C	CAPA-10-12899
R-23i	7011	470.2	12/02/09	WG	Temperature	15.7	deg C	CAPA-10-6151
R-23i	7011	470.2	10/18/10	WG	Turbidity	1.53	NTU	CAPA-10-26945
R-23i	7011	470.2	08/04/10	WG	Turbidity	0.41	NTU	CAPA-10-24083
R-23i	7011	470.2	06/17/10	WG	Turbidity	1.02	NTU	CAPA-10-17577
R-23i	7011	470.2	03/09/10	WG	Turbidity	1	NTU	CAPA-10-12899
R-23i	7011	470.2	12/02/09	WG	Turbidity	0.39	NTU	CAPA-10-6151
R-23i	7021	524	10/18/10	WG	Dissolved Oxygen	5.25	mg/L	CAPA-10-26948
R-23i	7021	524	08/04/10	WG	Dissolved Oxygen	5.38	mg/L	CAPA-10-24086
R-23i	7021	524	06/16/10	WG	Dissolved Oxygen	5.05	mg/L	CAPA-10-17579
R-23i	7021	524	03/08/10	WG	Dissolved Oxygen	5.74	mg/L	CAPA-10-12853
R-23i	7021	524	12/01/09	WG	Dissolved Oxygen	5.13	mg/L	CAPA-10-6863
R-23i	7021	524	10/18/10	WG	Oxidation Reduction Potential	−19.4	mV	CAPA-10-26948
R-23i	7021	524	08/04/10	WG	Oxidation Reduction Potential	9.9	mV	CAPA-10-24086

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-23i	7021	524	06/16/10	WG	Oxidation Reduction Potential	8	mV	CAPA-10-17579
R-23i	7021	524	03/08/10	WG	Oxidation Reduction Potential	124.9	mV	CAPA-10-12853
R-23i	7021	524	12/01/09	WG	Oxidation Reduction Potential	110.2	mV	CAPA-10-6863
R-23i	7021	524	10/18/10	WG	pH	7.98	SU	CAPA-10-26948
R-23i	7021	524	08/04/10	WG	pH	7.98	SU	CAPA-10-24086
R-23i	7021	524	06/16/10	WG	pH	8.17	SU	CAPA-10-17579
R-23i	7021	524	03/08/10	WG	pH	7.7	SU	CAPA-10-12853
R-23i	7021	524	12/01/09	WG	pH	7.81	SU	CAPA-10-6863
R-23i	7021	524	10/18/10	WG	Specific Conductance	203	µS/cm	CAPA-10-26948
R-23i	7021	524	08/04/10	WG	Specific Conductance	211	µS/cm	CAPA-10-24086
R-23i	7021	524	06/16/10	WG	Specific Conductance	180	µS/cm	CAPA-10-17579
R-23i	7021	524	03/08/10	WG	Specific Conductance	203	µS/cm	CAPA-10-12853
R-23i	7021	524	12/01/09	WG	Specific Conductance	196	µS/cm	CAPA-10-6863
R-23i	7021	524	10/18/10	WG	Temperature	18.44	deg C	CAPA-10-26948
R-23i	7021	524	08/04/10	WG	Temperature	20.41	deg C	CAPA-10-24086
R-23i	7021	524	06/16/10	WG	Temperature	19.05	deg C	CAPA-10-17579
R-23i	7021	524	03/08/10	WG	Temperature	13.04	deg C	CAPA-10-12853
R-23i	7021	524	12/01/09	WG	Temperature	15.13	deg C	CAPA-10-6863
R-23i	7021	524	10/18/10	WG	Turbidity	0.87	NTU	CAPA-10-26948
R-23i	7021	524	08/04/10	WG	Turbidity	1	NTU	CAPA-10-24086
R-23i	7021	524	06/16/10	WG	Turbidity	1.17	NTU	CAPA-10-17579
R-23i	7021	524	03/08/10	WG	Turbidity	4	NTU	CAPA-10-12853
R-23i	7021	524	12/01/09	WG	Turbidity	0.38	NTU	CAPA-10-6863
R-32	8421	867.5	10/14/10	WG	Dissolved Oxygen	4.06	mg/L	CAPA-10-27391
R-32	8421	867.5	08/06/10	WG	Dissolved Oxygen	4	mg/L	CAPA-10-24125
R-32	8421	867.5	06/07/10	WG	Dissolved Oxygen	4.48	mg/L	CAPA-10-17740
R-32	8421	867.5	03/09/10	WG	Dissolved Oxygen	6.45	mg/L	CAPA-10-12839
R-32	8421	867.5	12/07/09	WG	Dissolved Oxygen	4.45	mg/L	CAPA-10-6377
R-32	8421	867.5	10/14/10	WG	Oxidation Reduction Potential	135.9	mV	CAPA-10-27391

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-32	8421	867.5	08/06/10	WG	Oxidation Reduction Potential	108.2	mV	CAPA-10-24125
R-32	8421	867.5	06/07/10	WG	Oxidation Reduction Potential	100.8	mV	CAPA-10-17740
R-32	8421	867.5	03/09/10	WG	Oxidation Reduction Potential	103.1	mV	CAPA-10-12839
R-32	8421	867.5	12/07/09	WG	Oxidation Reduction Potential	212.7	mV	CAPA-10-6377
R-32	8421	867.5	10/14/10	WG	pH	6.83	SU	CAPA-10-27391
R-32	8421	867.5	08/06/10	WG	pH	6.87	SU	CAPA-10-24125
R-32	8421	867.5	06/07/10	WG	pH	7.27	SU	CAPA-10-17740
R-32	8421	867.5	03/09/10	WG	pH	7.02	SU	CAPA-10-12839
R-32	8421	867.5	12/07/09	WG	pH	6.75	SU	CAPA-10-6377
R-32	8421	867.5	10/14/10	WG	Specific Conductance	171	µS/cm	CAPA-10-27391
R-32	8421	867.5	08/06/10	WG	Specific Conductance	175	µS/cm	CAPA-10-24125
R-32	8421	867.5	06/07/10	WG	Specific Conductance	152	µS/cm	CAPA-10-17740
R-32	8421	867.5	03/09/10	WG	Specific Conductance	175	µS/cm	CAPA-10-12839
R-32	8421	867.5	12/07/09	WG	Specific Conductance	169	µS/cm	CAPA-10-6377
R-32	8421	867.5	10/14/10	WG	Temperature	18.7	deg C	CAPA-10-27391
R-32	8421	867.5	08/06/10	WG	Temperature	20.54	deg C	CAPA-10-24125
R-32	8421	867.5	06/07/10	WG	Temperature	25.12	deg C	CAPA-10-17740
R-32	8421	867.5	03/09/10	WG	Temperature	16.32	deg C	CAPA-10-12839
R-32	8421	867.5	12/07/09	WG	Temperature	17.9	deg C	CAPA-10-6377
R-32	8421	867.5	10/14/10	WG	Turbidity	0.86	NTU	CAPA-10-27391
R-32	8421	867.5	08/06/10	WG	Turbidity	0.65	NTU	CAPA-10-24125
R-32	8421	867.5	06/07/10	WG	Turbidity	0.7	NTU	CAPA-10-17740
R-32	8421	867.5	03/09/10	WG	Turbidity	1.24	NTU	CAPA-10-12839
R-32	8421	867.5	12/07/09	WG	Turbidity	1.21	NTU	CAPA-10-6377
R-37	8821	929.3	10/12/10	WG	Dissolved Oxygen	1.74	mg/L	CAPA-10-26914
R-37	8821	929.3	08/05/10	WG	Dissolved Oxygen	3.85	mg/L	CAPA-10-24066
R-37	8821	929.3	06/16/10	WG	Dissolved Oxygen	1.21	mg/L	CAPA-10-17949
R-37	8821	929.3	03/02/10	WG	Dissolved Oxygen	1.5	mg/L	CAPA-10-12855
R-37	8821	929.3	12/18/09	WG	Dissolved Oxygen	3.43	mg/L	CAPA-10-6823

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-37	8821	929.3	10/12/10	WG	Oxidation Reduction Potential	−13.8	mV	CAPA-10-26914
R-37	8821	929.3	06/16/10	WG	Oxidation Reduction Potential	32.1	mV	CAPA-10-17949
R-37	8821	929.3	03/02/10	WG	Oxidation Reduction Potential	213.8	mV	CAPA-10-12855
R-37	8821	929.3	12/18/09	WG	Oxidation Reduction Potential	171.4	mV	CAPA-10-6823
R-37	8821	929.3	11/18/09	WG	Oxidation Reduction Potential	112	mV	CAMO-10-5356
R-37	8821	929.3	10/12/10	WG	pH	7.8	SU	CAPA-10-26914
R-37	8821	929.3	08/05/10	WG	pH	10.61	SU	CAPA-10-24066
R-37	8821	929.3	06/16/10	WG	pH	7.85	SU	CAPA-10-17949
R-37	8821	929.3	03/02/10	WG	pH	7.81	SU	CAPA-10-12855
R-37	8821	929.3	12/18/09	WG	pH	7.5	SU	CAPA-10-6823
R-37	8821	929.3	10/12/10	WG	Specific Conductance	235	µS/cm	CAPA-10-26914
R-37	8821	929.3	08/05/10	WG	Specific Conductance	232	µS/cm	CAPA-10-24066
R-37	8821	929.3	06/16/10	WG	Specific Conductance	231	µS/cm	CAPA-10-17949
R-37	8821	929.3	03/02/10	WG	Specific Conductance	243	µS/cm	CAPA-10-12855
R-37	8821	929.3	12/18/09	WG	Specific Conductance	229	µS/cm	CAPA-10-6823
R-37	8821	929.3	10/12/10	WG	Temperature	18.87	deg C	CAPA-10-26914
R-37	8821	929.3	08/05/10	WG	Temperature	18.25	deg C	CAPA-10-24066
R-37	8821	929.3	06/16/10	WG	Temperature	18.1	deg C	CAPA-10-17949
R-37	8821	929.3	03/02/10	WG	Temperature	16.77	deg C	CAPA-10-12855
R-37	8821	929.3	12/18/09	WG	Temperature	17.1	deg C	CAPA-10-6823
R-37	8821	929.3	10/12/10	WG	Turbidity	0.6	NTU	CAPA-10-26914
R-37	8821	929.3	08/05/10	WG	Turbidity	1.68	NTU	CAPA-10-24066
R-37	8821	929.3	06/16/10	WG	Turbidity	2.02	NTU	CAPA-10-17949
R-37	8821	929.3	03/02/10	WG	Turbidity	0.64	NTU	CAPA-10-12855
R-37	8821	929.3	12/18/09	WG	Turbidity	0.97	NTU	CAPA-10-6823
R-37	8811	1026	10/14/10	WG	Dissolved Oxygen	6.6	mg/L	CAPA-10-27394
R-37	8811	1026	08/10/10	WG	Dissolved Oxygen	6.69	mg/L	CAPA-10-24128
R-37	8811	1026	06/08/10	WG	Dissolved Oxygen	7.53	mg/L	CAPA-10-17952
R-37	8811	1026	03/03/10	WG	Dissolved Oxygen	7.28	mg/L	CAPA-10-13073

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-37	8811	1026	12/18/09	WG	Dissolved Oxygen	5.39	mg/L	CAPA-10-6824
R-37	8811	1026	10/14/10	WG	Oxidation Reduction Potential	182.3	mV	CAPA-10-27394
R-37	8811	1026	08/10/10	WG	Oxidation Reduction Potential	362.9	mV	CAPA-10-24128
R-37	8811	1026	06/08/10	WG	Oxidation Reduction Potential	−9.8	mV	CAPA-10-17952
R-37	8811	1026	03/03/10	WG	Oxidation Reduction Potential	100.7	mV	CAPA-10-13073
R-37	8811	1026	12/18/09	WG	Oxidation Reduction Potential	271.5	mV	CAPA-10-6824
R-37	8811	1026	10/14/10	WG	pH	7.83	SU	CAPA-10-27394
R-37	8811	1026	08/10/10	WG	pH	7.58	SU	CAPA-10-24128
R-37	8811	1026	06/08/10	WG	pH	7.53	SU	CAPA-10-17952
R-37	8811	1026	03/03/10	WG	pH	8.1	SU	CAPA-10-13073
R-37	8811	1026	12/18/09	WG	pH	7.79	SU	CAPA-10-6824
R-37	8811	1026	10/14/10	WG	Specific Conductance	137	µS/cm	CAPA-10-27394
R-37	8811	1026	08/10/10	WG	Specific Conductance	131	µS/cm	CAPA-10-24128
R-37	8811	1026	06/08/10	WG	Specific Conductance	137	µS/cm	CAPA-10-17952
R-37	8811	1026	03/03/10	WG	Specific Conductance	164	µS/cm	CAPA-10-13073
R-37	8811	1026	12/18/09	WG	Specific Conductance	215	µS/cm	CAPA-10-6824
R-37	8811	1026	10/14/10	WG	Temperature	22.02	deg C	CAPA-10-27394
R-37	8811	1026	08/10/10	WG	Temperature	21.96	deg C	CAPA-10-24128
R-37	8811	1026	06/08/10	WG	Temperature	22.12	deg C	CAPA-10-17952
R-37	8811	1026	03/03/10	WG	Temperature	20.36	deg C	CAPA-10-13073
R-37	8811	1026	12/18/09	WG	Temperature	21.05	deg C	CAPA-10-6824
R-37	8811	1026	10/14/10	WG	Turbidity	1.29	NTU	CAPA-10-27394
R-37	8811	1026	08/10/10	WG	Turbidity	8.1	NTU	CAPA-10-24128
R-37	8811	1026	06/08/10	WG	Turbidity	5.48	NTU	CAPA-10-17952
R-37	8811	1026	03/03/10	WG	Turbidity	5.93	NTU	CAPA-10-13073
R-37	8811	1026	12/18/09	WG	Turbidity	2.2	NTU	CAPA-10-6824
R-38	8631	821.2	10/11/10	WG	Dissolved Oxygen	6.61	mg/L	CAPA-10-27406
R-38	8631	821.2	08/06/10	WG	Dissolved Oxygen	4.67	mg/L	CAPA-10-24148
R-38	8631	821.2	08/06/10	WG	Dissolved Oxygen	5.09	mg/L	CAPA-10-24652

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-38	8631	821.2	08/06/10	WG	Dissolved Oxygen	5.01	mg/L	CAPA-10-24653
R-38	8631	821.2	06/02/10	WG	Dissolved Oxygen	6.44	mg/L	CAPA-10-17956
R-38	8631	821.2	10/11/10	WG	Oxidation Reduction Potential	310.6	mV	CAPA-10-27406
R-38	8631	821.2	08/06/10	WG	Oxidation Reduction Potential	116.5	mV	CAPA-10-24148
R-38	8631	821.2	08/06/10	WG	Oxidation Reduction Potential	121.3	mV	CAPA-10-24652
R-38	8631	821.2	08/06/10	WG	Oxidation Reduction Potential	21.4	mV	CAPA-10-24653
R-38	8631	821.2	06/02/10	WG	Oxidation Reduction Potential	50	mV	CAPA-10-17956
R-38	8631	821.2	10/11/10	WG	pH	7.28	SU	CAPA-10-27406
R-38	8631	821.2	08/06/10	WG	pH	7.22	SU	CAPA-10-24148
R-38	8631	821.2	08/06/10	WG	pH	7.15	SU	CAPA-10-24652
R-38	8631	821.2	08/06/10	WG	pH	7.11	SU	CAPA-10-24653
R-38	8631	821.2	06/02/10	WG	pH	7.24	SU	CAPA-10-17956
R-38	8631	821.2	10/11/10	WG	Specific Conductance	141	µS/cm	CAPA-10-27406
R-38	8631	821.2	08/06/10	WG	Specific Conductance	145	µS/cm	CAPA-10-24148
R-38	8631	821.2	08/06/10	WG	Specific Conductance	145	µS/cm	CAPA-10-24652
R-38	8631	821.2	08/06/10	WG	Specific Conductance	146	µS/cm	CAPA-10-24653
R-38	8631	821.2	06/02/10	WG	Specific Conductance	145	µS/cm	CAPA-10-17956
R-38	8631	821.2	10/11/10	WG	Temperature	18.31	deg C	CAPA-10-27406
R-38	8631	821.2	08/06/10	WG	Temperature	19.95	deg C	CAPA-10-24148
R-38	8631	821.2	08/06/10	WG	Temperature	19.19	deg C	CAPA-10-24652
R-38	8631	821.2	08/06/10	WG	Temperature	19.21	deg C	CAPA-10-24653
R-38	8631	821.2	06/02/10	WG	Temperature	19.99	deg C	CAPA-10-17956
R-38	8631	821.2	10/11/10	WG	Turbidity	1.42	NTU	CAPA-10-27406
R-38	8631	821.2	08/06/10	WG	Turbidity	0.8	NTU	CAPA-10-24148
R-38	8631	821.2	08/06/10	WG	Turbidity	1.31	NTU	CAPA-10-24652
R-38	8631	821.2	08/06/10	WG	Turbidity	1.14	NTU	CAPA-10-24653
R-38	8631	821.2	06/02/10	WG	Turbidity	1.18	NTU	CAPA-10-17956
R-39	8641	859	10/08/10	WG	Dissolved Oxygen	5.22	mg/L	CAPA-10-27409
R-39	8641	859	08/12/10	WG	Dissolved Oxygen	3.78	mg/L	CAPA-10-24143

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-39	8641	859	06/02/10	WG	Dissolved Oxygen	5.86	mg/L	CAPA-10-17901
R-39	8641	859	02/26/10	WG	Dissolved Oxygen	5.52	mg/L	CAPA-10-12913
R-39	8641	859	12/09/09	WG	Dissolved Oxygen	4.92	mg/L	CAPA-10-6797
R-39	8641	859	10/08/10	WG	Oxidation Reduction Potential	429.7	mV	CAPA-10-27409
R-39	8641	859	08/12/10	WG	Oxidation Reduction Potential	166.4	mV	CAPA-10-24143
R-39	8641	859	06/02/10	WG	Oxidation Reduction Potential	4.9	mV	CAPA-10-17901
R-39	8641	859	02/26/10	WG	Oxidation Reduction Potential	210.3	mV	CAPA-10-12913
R-39	8641	859	12/09/09	WG	Oxidation Reduction Potential	78.6	mV	CAPA-10-6797
R-39	8641	859	10/08/10	WG	pH	7.83	SU	CAPA-10-27409
R-39	8641	859	08/12/10	WG	pH	7.75	SU	CAPA-10-24143
R-39	8641	859	06/02/10	WG	pH	7.77	SU	CAPA-10-17901
R-39	8641	859	02/26/10	WG	pH	7.95	SU	CAPA-10-12913
R-39	8641	859	12/09/09	WG	pH	7.73	SU	CAPA-10-6797
R-39	8641	859	10/08/10	WG	Specific Conductance	143	µS/cm	CAPA-10-27409
R-39	8641	859	08/12/10	WG	Specific Conductance	144	µS/cm	CAPA-10-24143
R-39	8641	859	06/02/10	WG	Specific Conductance	146	µS/cm	CAPA-10-17901
R-39	8641	859	02/26/10	WG	Specific Conductance	142	µS/cm	CAPA-10-12913
R-39	8641	859	12/09/09	WG	Specific Conductance	145	µS/cm	CAPA-10-6797
R-39	8641	859	10/08/10	WG	Temperature	20.05	deg C	CAPA-10-27409
R-39	8641	859	08/12/10	WG	Temperature	23.94	deg C	CAPA-10-24143
R-39	8641	859	06/02/10	WG	Temperature	22.66	deg C	CAPA-10-17901
R-39	8641	859	02/26/10	WG	Temperature	18.93	deg C	CAPA-10-12913
R-39	8641	859	12/09/09	WG	Temperature	21.61	deg C	CAPA-10-6797
R-39	8641	859	10/08/10	WG	Turbidity	2.38	NTU	CAPA-10-27409
R-39	8641	859	08/12/10	WG	Turbidity	2.3	NTU	CAPA-10-24143
R-39	8641	859	06/02/10	WG	Turbidity	2.13	NTU	CAPA-10-17901
R-39	8641	859	02/26/10	WG	Turbidity	2.89	NTU	CAPA-10-12913
R-39	8641	859	12/09/09	WG	Turbidity	6.02	NTU	CAPA-10-6797
R-40	8691	649.7	10/20/10	WG	Dissolved Oxygen	1.34	mg/L	CAPA-10-26917

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-40	8691	649.7	07/28/10	WG	Dissolved Oxygen	1.32	mg/L	CAPA-10-24070
R-40	8691	649.7	06/17/10	WG	Dissolved Oxygen	1.48	mg/L	CAPA-10-18079
R-40	8691	649.7	03/03/10	WG	Dissolved Oxygen	1.38	mg/L	CAPA-10-12851
R-40	8691	649.7	12/04/09	WG	Dissolved Oxygen	1.45	mg/L	CAPA-10-6790
R-40	8691	649.7	10/20/10	WG	Oxidation Reduction Potential	−85.4	mV	CAPA-10-26917
R-40	8691	649.7	07/28/10	WG	Oxidation Reduction Potential	−146.7	mV	CAPA-10-24070
R-40	8691	649.7	06/17/10	WG	Oxidation Reduction Potential	−126.7	mV	CAPA-10-18079
R-40	8691	649.7	03/03/10	WG	Oxidation Reduction Potential	−119.8	mV	CAPA-10-12851
R-40	8691	649.7	12/04/09	WG	Oxidation Reduction Potential	−158.5	mV	CAPA-10-6790
R-40	8691	649.7	10/20/10	WG	pH	6.9	SU	CAPA-10-26917
R-40	8691	649.7	07/28/10	WG	pH	6.97	SU	CAPA-10-24070
R-40	8691	649.7	06/17/10	WG	pH	7.21	SU	CAPA-10-18079
R-40	8691	649.7	03/03/10	WG	pH	7.13	SU	CAPA-10-12851
R-40	8691	649.7	12/04/09	WG	pH	7.2	SU	CAPA-10-6790
R-40	8691	649.7	10/20/10	WG	Specific Conductance	266	µS/cm	CAPA-10-26917
R-40	8691	649.7	07/28/10	WG	Specific Conductance	253	µS/cm	CAPA-10-24070
R-40	8691	649.7	06/17/10	WG	Specific Conductance	282	µS/cm	CAPA-10-18079
R-40	8691	649.7	03/03/10	WG	Specific Conductance	256	µS/cm	CAPA-10-12851
R-40	8691	649.7	12/04/09	WG	Specific Conductance	257	µS/cm	CAPA-10-6790
R-40	8691	649.7	10/20/10	WG	Temperature	16.87	deg C	CAPA-10-26917
R-40	8691	649.7	07/28/10	WG	Temperature	16.88	deg C	CAPA-10-24070
R-40	8691	649.7	06/17/10	WG	Temperature	18.63	deg C	CAPA-10-18079
R-40	8691	649.7	03/03/10	WG	Temperature	16.18	deg C	CAPA-10-12851
R-40	8691	649.7	12/04/09	WG	Temperature	15.38	deg C	CAPA-10-6790
R-40	8691	649.7	10/20/10	WG	Turbidity	1.5	NTU	CAPA-10-26917
R-40	8691	649.7	07/28/10	WG	Turbidity	1.18	NTU	CAPA-10-24070
R-40	8691	649.7	06/17/10	WG	Turbidity	0.1	NTU	CAPA-10-18079
R-40	8691	649.7	03/03/10	WG	Turbidity	1.3	NTU	CAPA-10-12851
R-40	8691	649.7	12/04/09	WG	Turbidity	1.33	NTU	CAPA-10-6790

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-40	8701	751.6	10/20/10	WG	Dissolved Oxygen	3.52	mg/L	CAPA-10-26922
R-40	8701	751.6	07/28/10	WG	Dissolved Oxygen	2.01	mg/L	CAPA-10-24073
R-40	8701	751.6	06/04/10	WG	Dissolved Oxygen	3.32	mg/L	CAPA-10-17906
R-40	8701	751.6	02/23/10	WG	Dissolved Oxygen	1.23	mg/L	CAPA-10-13083
R-40	8701	751.6	12/04/09	WG	Dissolved Oxygen	1.48	mg/L	CAPA-10-6803
R-40	8701	751.6	10/20/10	WG	Oxidation Reduction Potential	422.4	mV	CAPA-10-26922
R-40	8701	751.6	07/28/10	WG	Oxidation Reduction Potential	66.5	mV	CAPA-10-24073
R-40	8701	751.6	06/04/10	WG	Oxidation Reduction Potential	98.6	mV	CAPA-10-17906
R-40	8701	751.6	02/23/10	WG	Oxidation Reduction Potential	114	mV	CAPA-10-13083
R-40	8701	751.6	12/04/09	WG	Oxidation Reduction Potential	−51.4	mV	CAPA-10-6803
R-40	8701	751.6	10/20/10	WG	pH	8.4	SU	CAPA-10-26922
R-40	8701	751.6	07/28/10	WG	pH	7.82	SU	CAPA-10-24073
R-40	8701	751.6	06/04/10	WG	pH	7.51	SU	CAPA-10-17906
R-40	8701	751.6	02/23/10	WG	pH	6.89	SU	CAPA-10-13083
R-40	8701	751.6	10/20/10	WG	Specific Conductance	210	µS/cm	CAPA-10-26922
R-40	8701	751.6	07/28/10	WG	Specific Conductance	212	µS/cm	CAPA-10-24073
R-40	8701	751.6	06/04/10	WG	Specific Conductance	208	µS/cm	CAPA-10-17906
R-40	8701	751.6	02/23/10	WG	Specific Conductance	225	µS/cm	CAPA-10-13083
R-40	8701	751.6	10/20/10	WG	Temperature	15.85	deg C	CAPA-10-26922
R-40	8701	751.6	07/28/10	WG	Temperature	17.78	deg C	CAPA-10-24073
R-40	8701	751.6	06/04/10	WG	Temperature	17.91	deg C	CAPA-10-17906
R-40	8701	751.6	02/23/10	WG	Temperature	15.68	deg C	CAPA-10-13083
R-40	8701	751.6	12/04/09	WG	Temperature	15.57	deg C	CAPA-10-6803
R-40	8701	751.6	10/20/10	WG	Turbidity	4.78	NTU	CAPA-10-26922
R-40	8701	751.6	07/28/10	WG	Turbidity	1.43	NTU	CAPA-10-24073
R-40	8701	751.6	06/04/10	WG	Turbidity	4.63	NTU	CAPA-10-17906
R-40	8701	751.6	02/23/10	WG	Turbidity	1.24	NTU	CAPA-10-13083
R-40	8701	751.6	12/04/09	WG	Turbidity	3.58	NTU	CAPA-10-6803
R-40	8711	849.3	10/19/10	WG	Dissolved Oxygen	5.15	mg/L	CAPA-10-27413

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-40	8711	849.3	07/27/10	WG	Dissolved Oxygen	5.39	mg/L	CAPA-10-24145
R-40	8711	849.3	06/03/10	WG	Dissolved Oxygen	5.18	mg/L	CAPA-10-17908
R-40	8711	849.3	02/23/10	WG	Dissolved Oxygen	6.77	mg/L	CAPA-10-12917
R-40	8711	849.3	12/03/09	WG	Dissolved Oxygen	5.16	mg/L	CAPA-10-6807
R-40	8711	849.3	10/19/10	WG	Oxidation Reduction Potential	122.5	mV	CAPA-10-27413
R-40	8711	849.3	07/27/10	WG	Oxidation Reduction Potential	59.2	mV	CAPA-10-24145
R-40	8711	849.3	06/03/10	WG	Oxidation Reduction Potential	0.7	mV	CAPA-10-17908
R-40	8711	849.3	02/23/10	WG	Oxidation Reduction Potential	63.6	mV	CAPA-10-12917
R-40	8711	849.3	12/03/09	WG	Oxidation Reduction Potential	−37.3	mV	CAPA-10-6807
R-40	8711	849.3	10/19/10	WG	pH	7.76	SU	CAPA-10-27413
R-40	8711	849.3	07/27/10	WG	pH	7.65	SU	CAPA-10-24145
R-40	8711	849.3	06/03/10	WG	pH	8.23	SU	CAPA-10-17908
R-40	8711	849.3	02/23/10	WG	pH	7.31	SU	CAPA-10-12917
R-40	8711	849.3	12/03/09	WG	pH	7.68	SU	CAPA-10-6807
R-40	8711	849.3	10/19/10	WG	Specific Conductance	131	µS/cm	CAPA-10-27413
R-40	8711	849.3	07/27/10	WG	Specific Conductance	123	µS/cm	CAPA-10-24145
R-40	8711	849.3	06/03/10	WG	Specific Conductance	133	µS/cm	CAPA-10-17908
R-40	8711	849.3	02/23/10	WG	Specific Conductance	105	µS/cm	CAPA-10-12917
R-40	8711	849.3	12/03/09	WG	Specific Conductance	128	µS/cm	CAPA-10-6807
R-40	8711	849.3	10/19/10	WG	Temperature	20.59	deg C	CAPA-10-27413
R-40	8711	849.3	07/27/10	WG	Temperature	21.25	deg C	CAPA-10-24145
R-40	8711	849.3	06/03/10	WG	Temperature	22.83	deg C	CAPA-10-17908
R-40	8711	849.3	02/23/10	WG	Temperature	15.48	deg C	CAPA-10-12917
R-40	8711	849.3	12/03/09	WG	Temperature	18.28	deg C	CAPA-10-6807
R-40	8711	849.3	10/19/10	WG	Turbidity	1.75	NTU	CAPA-10-27413
R-40	8711	849.3	07/27/10	WG	Turbidity	3.38	NTU	CAPA-10-24145
R-40	8711	849.3	06/03/10	WG	Turbidity	3.28	NTU	CAPA-10-17908
R-40	8711	849.3	02/23/10	WG	Turbidity	1.83	NTU	CAPA-10-12917
R-40	8711	849.3	12/03/09	WG	Turbidity	3.71	NTU	CAPA-10-6807

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-41	8791	965.3	10/08/10	WG	Dissolved Oxygen	4.13	mg/L	CAPA-10-27405
R-41	8791	965.3	08/09/10	WG	Dissolved Oxygen	4.32	mg/L	CAPA-10-24131
R-41	8791	965.3	06/09/10	WG	Dissolved Oxygen	3.69	mg/L	CAPA-10-17910
R-41	8791	965.3	02/26/10	WG	Dissolved Oxygen	3.77	mg/L	CAPA-10-12919
R-41	8791	965.3	12/15/09	WG	Dissolved Oxygen	4.18	mg/L	CAPA-10-6818
R-41	8791	965.3	10/08/10	WG	Oxidation Reduction Potential	385.5	mV	CAPA-10-27405
R-41	8791	965.3	08/09/10	WG	Oxidation Reduction Potential	22.9	mV	CAPA-10-24131
R-41	8791	965.3	06/09/10	WG	Oxidation Reduction Potential	66	mV	CAPA-10-17910
R-41	8791	965.3	02/26/10	WG	Oxidation Reduction Potential	51.5	mV	CAPA-10-12919
R-41	8791	965.3	12/15/09	WG	Oxidation Reduction Potential	57.3	mV	CAPA-10-6818
R-41	8791	965.3	10/08/10	WG	pH	7.87	SU	CAPA-10-27405
R-41	8791	965.3	08/09/10	WG	pH	8.03	SU	CAPA-10-24131
R-41	8791	965.3	06/09/10	WG	pH	8.09	SU	CAPA-10-17910
R-41	8791	965.3	02/26/10	WG	pH	7.99	SU	CAPA-10-12919
R-41	8791	965.3	12/15/09	WG	pH	7.84	SU	CAPA-10-6818
R-41	8791	965.3	10/08/10	WG	Specific Conductance	173	µS/cm	CAPA-10-27405
R-41	8791	965.3	08/09/10	WG	Specific Conductance	159	µS/cm	CAPA-10-24131
R-41	8791	965.3	06/09/10	WG	Specific Conductance	142	µS/cm	CAPA-10-17910
R-41	8791	965.3	02/26/10	WG	Specific Conductance	174	µS/cm	CAPA-10-12919
R-41	8791	965.3	12/15/09	WG	Specific Conductance	176	µS/cm	CAPA-10-6818
R-41	8791	965.3	10/08/10	WG	Temperature	20.86	deg C	CAPA-10-27405
R-41	8791	965.3	08/09/10	WG	Temperature	23.65	deg C	CAPA-10-24131
R-41	8791	965.3	06/09/10	WG	Temperature	23.69	deg C	CAPA-10-17910
R-41	8791	965.3	02/26/10	WG	Temperature	21.57	deg C	CAPA-10-12919
R-41	8791	965.3	12/15/09	WG	Temperature	21.99	deg C	CAPA-10-6818
R-41	8791	965.3	10/08/10	WG	Turbidity	0.99	NTU	CAPA-10-27405
R-41	8791	965.3	08/09/10	WG	Turbidity	1.03	NTU	CAPA-10-24131
R-41	8791	965.3	06/09/10	WG	Turbidity	1.37	NTU	CAPA-10-17910
R-41	8791	965.3	02/26/10	WG	Turbidity	0.88	NTU	CAPA-10-12919

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-41	8791	965.3	12/15/09	WG	Turbidity	0.66	NTU	CAPA-10-6818
R-49	8831	845	10/07/10	WG	Dissolved Oxygen	3.69	mg/L	CAPA-10-27418
R-49	8831	845	07/29/10	WG	Dissolved Oxygen	3.74	mg/L	CAPA-10-24650
R-49	8831	845	06/14/10	WG	Dissolved Oxygen	4.64	mg/L	CAPA-10-17856
R-49	8831	845	06/11/10	WG	Dissolved Oxygen	4.92	mg/L	CAPA-10-19384
R-49	8831	845	06/11/10	WG	Dissolved Oxygen	4.92	mg/L	CAPA-10-19385
R-49	8831	845	06/11/10	WG	Dissolved Oxygen	4.69	mg/L	CAPA-10-19386
R-49	8831	845	10/07/10	WG	Oxidation Reduction Potential	252.8	mV	CAPA-10-27418
R-49	8831	845	07/29/10	WG	Oxidation Reduction Potential	−44.3	mV	CAPA-10-24650
R-49	8831	845	06/14/10	WG	Oxidation Reduction Potential	−28.2	mV	CAPA-10-17856
R-49	8831	845	06/11/10	WG	Oxidation Reduction Potential	−24.7	mV	CAPA-10-19384
R-49	8831	845	06/11/10	WG	Oxidation Reduction Potential	−24.7	mV	CAPA-10-19385
R-49	8831	845	06/11/10	WG	Oxidation Reduction Potential	−18.6	mV	CAPA-10-19386
R-49	8831	845	10/07/10	WG	pH	7.92	SU	CAPA-10-27418
R-49	8831	845	07/29/10	WG	pH	7.78	SU	CAPA-10-24650
R-49	8831	845	06/14/10	WG	pH	7.91	SU	CAPA-10-17856
R-49	8831	845	06/11/10	WG	pH	7.84	SU	CAPA-10-19384
R-49	8831	845	06/11/10	WG	pH	7.84	SU	CAPA-10-19385
R-49	8831	845	06/11/10	WG	pH	7.82	SU	CAPA-10-19386
R-49	8831	845	10/07/10	WG	Specific Conductance	167	µS/cm	CAPA-10-27418
R-49	8831	845	07/29/10	WG	Specific Conductance	145	µS/cm	CAPA-10-24650
R-49	8831	845	06/14/10	WG	Specific Conductance	159	µS/cm	CAPA-10-17856
R-49	8831	845	06/11/10	WG	Specific Conductance	173	µS/cm	CAPA-10-19384
R-49	8831	845	06/11/10	WG	Specific Conductance	173	µS/cm	CAPA-10-19385
R-49	8831	845	06/11/10	WG	Specific Conductance	163	µS/cm	CAPA-10-19386
R-49	8831	845	10/07/10	WG	Temperature	22.72	deg C	CAPA-10-27418
R-49	8831	845	07/29/10	WG	Temperature	22.93	deg C	CAPA-10-24650
R-49	8831	845	06/14/10	WG	Temperature	23.02	deg C	CAPA-10-17856
R-49	8831	845	06/11/10	WG	Temperature	24.25	deg C	CAPA-10-19384

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-49	8831	845	06/11/10	WG	Temperature	24.25	deg C	CAPA-10-19385
R-49	8831	845	06/11/10	WG	Temperature	24.23	deg C	CAPA-10-19386
R-49	8831	845	10/07/10	WG	Turbidity	4.4	NTU	CAPA-10-27418
R-49	8831	845	07/29/10	WG	Turbidity	42.2	NTU	CAPA-10-24650
R-49	8831	845	06/14/10	WG	Turbidity	23.8	NTU	CAPA-10-17856
R-49	8831	845	06/11/10	WG	Turbidity	4.4	NTU	CAPA-10-19384
R-49	8831	845	06/11/10	WG	Turbidity	4.4	NTU	CAPA-10-19385
R-49	8831	845	06/11/10	WG	Turbidity	3.73	NTU	CAPA-10-19386
R-49	8841	905.6	10/07/10	WG	Dissolved Oxygen	5.89	mg/L	CAPA-10-27423
R-49	8841	905.6	07/29/10	WG	Dissolved Oxygen	5.65	mg/L	CAPA-10-24139
R-49	8841	905.6	06/09/10	WG	Dissolved Oxygen	5.84	mg/L	CAPA-10-17898
R-49	8841	905.6	03/05/10	WG	Dissolved Oxygen	5.38	mg/L	CAPA-10-12909
R-49	8841	905.6	12/09/09	WG	Dissolved Oxygen	5.16	mg/L	CAPA-10-6816
R-49	8841	905.6	10/07/10	WG	Oxidation Reduction Potential	503.7	mV	CAPA-10-27423
R-49	8841	905.6	07/29/10	WG	Oxidation Reduction Potential	−19.8	mV	CAPA-10-24139
R-49	8841	905.6	06/09/10	WG	Oxidation Reduction Potential	47.5	mV	CAPA-10-17898
R-49	8841	905.6	03/05/10	WG	Oxidation Reduction Potential	205	mV	CAPA-10-12909
R-49	8841	905.6	12/09/09	WG	Oxidation Reduction Potential	450.9	mV	CAPA-10-6816
R-49	8841	905.6	10/07/10	WG	pH	7.83	SU	CAPA-10-27423
R-49	8841	905.6	07/29/10	WG	pH	7.78	SU	CAPA-10-24139
R-49	8841	905.6	06/09/10	WG	pH	7.82	SU	CAPA-10-17898
R-49	8841	905.6	03/05/10	WG	pH	7.83	SU	CAPA-10-12909
R-49	8841	905.6	10/07/10	WG	Specific Conductance	141	µS/cm	CAPA-10-27423
R-49	8841	905.6	07/29/10	WG	Specific Conductance	125	µS/cm	CAPA-10-24139
R-49	8841	905.6	06/09/10	WG	Specific Conductance	124	µS/cm	CAPA-10-17898
R-49	8841	905.6	03/05/10	WG	Specific Conductance	131	µS/cm	CAPA-10-12909
R-49	8841	905.6	10/07/10	WG	Temperature	21.51	deg C	CAPA-10-27423
R-49	8841	905.6	07/29/10	WG	Temperature	23.23	deg C	CAPA-10-24139
R-49	8841	905.6	06/09/10	WG	Temperature	22.58	deg C	CAPA-10-17898

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-49	8841	905.6	03/05/10	WG	Temperature	21.42	deg C	CAPA-10-12909
R-49	8841	905.6	12/09/09	WG	Temperature	18.5	deg C	CAPA-10-6816
R-49	8841	905.6	10/07/10	WG	Turbidity	0.34	NTU	CAPA-10-27423
R-49	8841	905.6	07/29/10	WG	Turbidity	1.01	NTU	CAPA-10-24139
R-49	8841	905.6	06/09/10	WG	Turbidity	0.2	NTU	CAPA-10-17898
R-49	8841	905.6	03/05/10	WG	Turbidity	0.75	NTU	CAPA-10-12909
R-49	8841	905.6	12/09/09	WG	Turbidity	0.96	NTU	CAPA-10-6816
R-51	8991	914.96	10/19/10	WG	Dissolved Oxygen	5.73	mg/L	CAPA-10-27437
R-51	8991	914.96	07/26/10	WG	Dissolved Oxygen	6.54	mg/L	CAPA-10-24156
R-51	8991	914.96	06/18/10	WG	Dissolved Oxygen	11.19	mg/L	CAPA-10-19017
R-51	8991	914.96	03/08/10	WG	Dissolved Oxygen	1.7	mg/L	CAPA-10-13494
R-51	8991	914.96	10/19/10	WG	Oxidation Reduction Potential	318.4	mV	CAPA-10-27437
R-51	8991	914.96	07/26/10	WG	Oxidation Reduction Potential	288.8	mV	CAPA-10-24156
R-51	8991	914.96	06/18/10	WG	Oxidation Reduction Potential	86.6	mV	CAPA-10-19017
R-51	8991	914.96	03/08/10	WG	Oxidation Reduction Potential	200	mV	CAPA-10-13494
R-51	8991	914.96	10/19/10	WG	pH	8.06	SU	CAPA-10-27437
R-51	8991	914.96	07/26/10	WG	pH	8.04	SU	CAPA-10-24156
R-51	8991	914.96	06/18/10	WG	pH	8.02	SU	CAPA-10-19017
R-51	8991	914.96	03/08/10	WG	pH	6.79	SU	CAPA-10-13494
R-51	8991	914.96	10/19/10	WG	Specific Conductance	146	µS/cm	CAPA-10-27437
R-51	8991	914.96	07/26/10	WG	Specific Conductance	118	µS/cm	CAPA-10-24156
R-51	8991	914.96	06/18/10	WG	Specific Conductance	135	µS/cm	CAPA-10-19017
R-51	8991	914.96	03/08/10	WG	Specific Conductance	168	µS/cm	CAPA-10-13494
R-51	8991	914.96	10/19/10	WG	Temperature	21.06	deg C	CAPA-10-27437
R-51	8991	914.96	07/26/10	WG	Temperature	21.23	deg C	CAPA-10-24156
R-51	8991	914.96	06/18/10	WG	Temperature	21.4	deg C	CAPA-10-19017
R-51	8991	914.96	03/08/10	WG	Temperature	18.23	deg C	CAPA-10-13494
R-51	8991	914.96	10/19/10	WG	Turbidity	1.25	NTU	CAPA-10-27437
R-51	8991	914.96	07/26/10	WG	Turbidity	1.19	NTU	CAPA-10-24156

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-51	8991	914.96	06/18/10	WG	Turbidity	0.95	NTU	CAPA-10-19017
R-51	8991	914.96	03/08/10	WG	Turbidity	2.83	NTU	CAPA-10-13494
R-51	9001	1030.96	10/19/10	WG	Dissolved Oxygen	6.34	mg/L	CAPA-10-27440
R-51	9001	1030.96	07/26/10	WG	Dissolved Oxygen	6.02	mg/L	CAPA-10-24158
R-51	9001	1030.96	06/18/10	WG	Dissolved Oxygen	7.89	mg/L	CAPA-10-19021
R-51	9001	1030.96	02/22/10	WG	Dissolved Oxygen	1.1	mg/L	CAPA-10-13498
R-51	9001	1030.96	10/19/10	WG	Oxidation Reduction Potential	221.7	mV	CAPA-10-27440
R-51	9001	1030.96	07/26/10	WG	Oxidation Reduction Potential	423.8	mV	CAPA-10-24158
R-51	9001	1030.96	06/18/10	WG	Oxidation Reduction Potential	149	mV	CAPA-10-19021
R-51	9001	1030.96	02/22/10	WG	Oxidation Reduction Potential	−36.3	mV	CAPA-10-13498
R-51	9001	1030.96	10/19/10	WG	pH	7.99	SU	CAPA-10-27440
R-51	9001	1030.96	07/26/10	WG	pH	7.93	SU	CAPA-10-24158
R-51	9001	1030.96	06/18/10	WG	pH	7.89	SU	CAPA-10-19021
R-51	9001	1030.96	02/22/10	WG	pH	9.52	SU	CAPA-10-13498
R-51	9001	1030.96	10/19/10	WG	Specific Conductance	147	µS/cm	CAPA-10-27440
R-51	9001	1030.96	07/26/10	WG	Specific Conductance	135	µS/cm	CAPA-10-24158
R-51	9001	1030.96	06/18/10	WG	Specific Conductance	153	µS/cm	CAPA-10-19021
R-51	9001	1030.96	02/22/10	WG	Specific Conductance	134	µS/cm	CAPA-10-13498
R-51	9001	1030.96	10/19/10	WG	Temperature	21.55	deg C	CAPA-10-27440
R-51	9001	1030.96	07/26/10	WG	Temperature	20.7	deg C	CAPA-10-24158
R-51	9001	1030.96	06/18/10	WG	Temperature	21.43	deg C	CAPA-10-19021
R-51	9001	1030.96	02/22/10	WG	Temperature	20.51	deg C	CAPA-10-13498
R-51	9001	1030.96	10/19/10	WG	Turbidity	0.98	NTU	CAPA-10-27440
R-51	9001	1030.96	07/26/10	WG	Turbidity	2.45	NTU	CAPA-10-24158
R-51	9001	1030.96	06/18/10	WG	Turbidity	2.64	NTU	CAPA-10-19021
R-51	9001	1030.96	02/22/10	WG	Turbidity	19	NTU	CAPA-10-13498
R-52	9061	1035.2	10/12/10	WG	Dissolved Oxygen	5.12	mg/L	CAPA-10-27451
R-52	9061	1035.2	08/05/10	WG	Dissolved Oxygen	5.55	mg/L	CAPA-10-24167
R-52	9061	1035.2	05/02/10	WG	Dissolved Oxygen	6.6	mg/L	CAPA-10-16633

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-52	9061	1035.2	10/12/10	WG	pH	7.9	SU	CAPA-10-27451
R-52	9061	1035.2	08/05/10	WG	pH	7.81	SU	CAPA-10-24167
R-52	9061	1035.2	05/02/10	WG	pH	7.69	SU	CAPA-10-16633
R-52	9061	1035.2	10/12/10	WG	Specific Conductance	164	µS/cm	CAPA-10-27451
R-52	9061	1035.2	08/05/10	WG	Specific Conductance	145	µS/cm	CAPA-10-24167
R-52	9061	1035.2	05/02/10	WG	Specific Conductance	134	µS/cm	CAPA-10-16633
R-52	9061	1035.2	10/12/10	WG	Temperature	22.04	deg C	CAPA-10-27451
R-52	9061	1035.2	08/05/10	WG	Temperature	23.13	deg C	CAPA-10-24167
R-52	9061	1035.2	05/02/10	WG	Temperature	19.45	deg C	CAPA-10-16633
R-52	9061	1035.2	10/12/10	WG	Turbidity	0.85	NTU	CAPA-10-27451
R-52	9061	1035.2	08/05/10	WG	Turbidity	1.31	NTU	CAPA-10-24167
R-52	9061	1035.2	05/02/10	WG	Turbidity	23.2	NTU	CAPA-10-16633
R-52	9071	1107	10/12/10	WG	Dissolved Oxygen	6.98	mg/L	CAPA-10-27453
R-52	9071	1107	08/05/10	WG	Dissolved Oxygen	6.14	mg/L	CAPA-10-24658
R-52	9071	1107	04/23/10	WG	Dissolved Oxygen	16.53	mg/L	CAPA-10-16638
R-52	9071	1107	10/12/10	WG	Oxidation Reduction Potential	352.8	mV	CAPA-10-27453
R-52	9071	1107	08/05/10	WG	Oxidation Reduction Potential	395.6	mV	CAPA-10-24658
R-52	9071	1107	04/23/10	WG	Oxidation Reduction Potential	234.6	mV	CAPA-10-16638
R-52	9071	1107	10/12/10	WG	pH	7.71	SU	CAPA-10-27453
R-52	9071	1107	08/05/10	WG	pH	7.51	SU	CAPA-10-24658
R-52	9071	1107	04/23/10	WG	pH	7.72	SU	CAPA-10-16638
R-52	9071	1107	10/12/10	WG	Specific Conductance	129	µS/cm	CAPA-10-27453
R-52	9071	1107	08/05/10	WG	Specific Conductance	131	µS/cm	CAPA-10-24658
R-52	9071	1107	04/23/10	WG	Specific Conductance	143	µS/cm	CAPA-10-16638
R-52	9071	1107	10/12/10	WG	Temperature	21.45	deg C	CAPA-10-27453
R-52	9071	1107	08/05/10	WG	Temperature	22.95	deg C	CAPA-10-24658
R-52	9071	1107	04/23/10	WG	Temperature	11.32	deg C	CAPA-10-16638
R-52	9071	1107	10/12/10	WG	Turbidity	0.73	NTU	CAPA-10-27453
R-52	9071	1107	08/05/10	WG	Turbidity	1.77	NTU	CAPA-10-24658

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-52	9071	1107	04/23/10	WG	Turbidity	8.47	NTU	CAPA-10-16638
R-53	9041	849.2	10/12/10	WG	Dissolved Oxygen	4.39	mg/L	CAPA-10-27456
R-53	9041	849.2	07/26/10	WG	Dissolved Oxygen	3.72	mg/L	CAPA-10-24174
R-53	9041	849.2	04/19/10	WG	Dissolved Oxygen	6.56	mg/L	CAPA-10-15928
R-53	9041	849.2	10/12/10	WG	Oxidation Reduction Potential	149.1	mV	CAPA-10-27456
R-53	9041	849.2	07/26/10	WG	Oxidation Reduction Potential	78.5	mV	CAPA-10-24174
R-53	9041	849.2	04/19/10	WG	Oxidation Reduction Potential	158.5	mV	CAPA-10-15928
R-53	9041	849.2	10/12/10	WG	pH	7.77	SU	CAPA-10-27456
R-53	9041	849.2	07/26/10	WG	pH	7.48	SU	CAPA-10-24174
R-53	9041	849.2	04/19/10	WG	pH	7.84	SU	CAPA-10-15928
R-53	9041	849.2	10/12/10	WG	Specific Conductance	130	µS/cm	CAPA-10-27456
R-53	9041	849.2	07/26/10	WG	Specific Conductance	103	µS/cm	CAPA-10-24174
R-53	9041	849.2	04/19/10	WG	Specific Conductance	121	µS/cm	CAPA-10-15928
R-53	9041	849.2	10/12/10	WG	Temperature	21.37	deg C	CAPA-10-27456
R-53	9041	849.2	07/26/10	WG	Temperature	21.72	deg C	CAPA-10-24174
R-53	9041	849.2	04/19/10	WG	Temperature	20.65	deg C	CAPA-10-15928
R-53	9041	849.2	10/12/10	WG	Turbidity	1.28	NTU	CAPA-10-27456
R-53	9041	849.2	07/26/10	WG	Turbidity	0.93	NTU	CAPA-10-24174
R-53	9041	849.2	04/19/10	WG	Turbidity	1.01	NTU	CAPA-10-15928
R-53	9031	959.7	10/12/10	WG	Dissolved Oxygen	5.51	mg/L	CAPA-10-27464
R-53	9031	959.7	07/26/10	WG	Dissolved Oxygen	5.47	mg/L	CAPA-10-24179
R-53	9031	959.7	04/14/10	WG	Dissolved Oxygen	6.79	mg/L	CAPA-10-15923
R-53	9031	959.7	10/12/10	WG	Oxidation Reduction Potential	145.4	mV	CAPA-10-27464
R-53	9031	959.7	07/26/10	WG	Oxidation Reduction Potential	141.7	mV	CAPA-10-24179
R-53	9031	959.7	10/12/10	WG	pH	8.06	SU	CAPA-10-27464
R-53	9031	959.7	07/26/10	WG	pH	7.74	SU	CAPA-10-24179
R-53	9031	959.7	04/14/10	WG	pH	7.63	SU	CAPA-10-15923
R-53	9031	959.7	10/12/10	WG	Specific Conductance	126	µS/cm	CAPA-10-27464
R-53	9031	959.7	07/26/10	WG	Specific Conductance	100	µS/cm	CAPA-10-24179

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-53	9031	959.7	04/14/10	WG	Specific Conductance	120	µS/cm	CAPA-10-15923
R-53	9031	959.7	10/12/10	WG	Temperature	21.14	deg C	CAPA-10-27464
R-53	9031	959.7	07/26/10	WG	Temperature	21.58	deg C	CAPA-10-24179
R-53	9031	959.7	04/14/10	WG	Temperature	21.28	deg C	CAPA-10-15923
R-53	9031	959.7	10/12/10	WG	Turbidity	0.45	NTU	CAPA-10-27464
R-53	9031	959.7	07/26/10	WG	Turbidity	0.82	NTU	CAPA-10-24179
R-53	9031	959.7	04/14/10	WG	Turbidity	9.81	NTU	CAPA-10-15923
R-54	8981	830	10/13/10	WG	Dissolved Oxygen	0.33	mg/L	CAPA-10-27444
R-54	8981	830	07/27/10	WG	Dissolved Oxygen	2.42	mg/L	CAPA-10-24160
R-54	8981	830	06/18/10	WG	Dissolved Oxygen	2.08	mg/L	CAPA-10-18473
R-54	8981	830	10/13/10	WG	Oxidation Reduction Potential	−74.7	mV	CAPA-10-27444
R-54	8981	830	07/27/10	WG	Oxidation Reduction Potential	−77.3	mV	CAPA-10-24160
R-54	8981	830	06/18/10	WG	Oxidation Reduction Potential	104.3	mV	CAPA-10-18473
R-54	8981	830	10/13/10	WG	pH	7.58	SU	CAPA-10-27444
R-54	8981	830	07/27/10	WG	pH	6.81	SU	CAPA-10-24160
R-54	8981	830	06/18/10	WG	pH	7.53	SU	CAPA-10-18473
R-54	8981	830	10/13/10	WG	Specific Conductance	221	µS/cm	CAPA-10-27444
R-54	8981	830	07/27/10	WG	Specific Conductance	198	µS/cm	CAPA-10-24160
R-54	8981	830	06/18/10	WG	Specific Conductance	137	µS/cm	CAPA-10-18473
R-54	8981	830	10/13/10	WG	Temperature	20.89	deg C	CAPA-10-27444
R-54	8981	830	07/27/10	WG	Temperature	23.25	deg C	CAPA-10-24160
R-54	8981	830	06/18/10	WG	Temperature	24.02	deg C	CAPA-10-18473
R-54	8981	830	10/13/10	WG	Turbidity	1.95	NTU	CAPA-10-27444
R-54	8981	830	07/27/10	WG	Turbidity	2.8	NTU	CAPA-10-24160
R-54	8981	830	06/18/10	WG	Turbidity	1.86	NTU	CAPA-10-18473
R-54	8971	915	10/13/10	WG	Dissolved Oxygen	4.86	mg/L	CAPA-10-27446
R-54	8971	915	07/27/10	WG	Dissolved Oxygen	5.19	mg/L	CAPA-10-24165
R-54	8971	915	06/18/10	WG	Dissolved Oxygen	4.3	mg/L	CAPA-10-18479
R-54	8971	915	10/13/10	WG	Oxidation Reduction Potential	111.6	mV	CAPA-10-27446

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-54	8971	915	07/27/10	WG	Oxidation Reduction Potential	149.8	mV	CAPA-10-24165
R-54	8971	915	06/18/10	WG	Oxidation Reduction Potential	207.9	mV	CAPA-10-18479
R-54	8971	915	10/13/10	WG	pH	8.14	SU	CAPA-10-27446
R-54	8971	915	07/27/10	WG	pH	8.05	SU	CAPA-10-24165
R-54	8971	915	06/18/10	WG	pH	8.04	SU	CAPA-10-18479
R-54	8971	915	10/13/10	WG	Specific Conductance	123	µS/cm	CAPA-10-27446
R-54	8971	915	07/27/10	WG	Specific Conductance	132	µS/cm	CAPA-10-24165
R-54	8971	915	06/18/10	WG	Specific Conductance	126	µS/cm	CAPA-10-18479
R-54	8971	915	10/13/10	WG	Temperature	19.84	deg C	CAPA-10-27446
R-54	8971	915	07/27/10	WG	Temperature	21.82	deg C	CAPA-10-24165
R-54	8971	915	06/18/10	WG	Temperature	21.76	deg C	CAPA-10-18479
R-54	8971	915	10/13/10	WG	Turbidity	0.78	NTU	CAPA-10-27446
R-54	8971	915	07/27/10	WG	Turbidity	1.3	NTU	CAPA-10-24165
R-54	8971	915	06/18/10	WG	Turbidity	1.27	NTU	CAPA-10-18479

[a] WG = Groundwater.

[b] SU = Standard unit.

[c] NTU = Nephelometric turbidity unit.

[d] — = Not applicable.

[e] WS = Base flow.

Appendix B

Groundwater-Elevation Measurements
(on CD included with this document)

Appendix C

Analytical Chemical Results, Including Results from Previous Four Monitoring Events if Available

The following pages provide lists of (1) acronyms, abbreviations, symbols, and various analytical codes, (2) analytical laboratory qualifier codes, and (3) secondary validation flag codes that may be used in Appendix C. Please note that these are comprehensive lists, and this periodic monitoring report may not include all of the acronyms, abbreviations, symbols, and codes in the lists.

Acronyms and Abbreviations

Acronym, Abbreviation, or Symbol	Description
Miscellaneous	
%	percent
%R	percent recovery
<	Based on qualifiers, the result was a nondetection.
–	none
CB	chlorobiphenyl
CCV	continuing calibration verification
CLP	Control Laboratory Program
CRDL	contract-required detection limit
DCG	Derived Concentration Guide (DOE)
DNX	dinitroso-RDX (or hexahydro 1,3-nitro-1,3,5-triazine)
DOE	Department of Energy (U.S.)
EPA	Environmental Protection Agency (U.S.)
GC	gas chromatography
GFAA	graphite furnace atomic absorption
GFPC	gas-flow proportional counter
GW	groundwater
HMX	1,3,5,7-tetranitro-1,3,5,7-tetrazocine
HPLC	high-pressure liquid chromatography
ICPAES	inductively coupled plasma atomic (optical) emission spectroscopy
ICV	initial calibration verification
IDL	instrument detection limit
LAL	lower acceptance limit
LCS	laboratory control sample
LLEE	low-level electrolytic extraction
Lvl	level
MCL	maximum contaminant level (EPA)
MDA	minimum detectable activity
MDC	minimum detectable concentration
MDL	method detection limit
MNX	mononitrosodimethylamine
MS	matrix spike
MSD	matrix spike duplicate
NM	NMWQCC

Acronyms and Abbreviations (continued)

Acronym , Abbreviation, or Symbol	Description
Miscellaneous (continued)	
NMWQCC	New Mexico Water Quality Control Commission
PCB	polychlorinated biphenyl
PQL	practical quantitation limit
Prelim	preliminary
QC	quality control
RDX	hexahydro-1,3,5-trinitro-1,3,5-triazine
RL	reporting limit
RPD	relative percent difference
RRF	relative response factor
Scr	screening
SSC	**suspended sediment concentration**
SU	**standard unit**
TDS	total dissolved solids
TNX	trinitroso-RDX
TPU	total propagated uncertainty
UAL	upper acceptance limit
Field Matrix Codes	
WG	groundwater
WM	snowmelt
WP	persistent flow
WS	base flow
WT	storm runoff
Field Prep Codes	
F	filtered
UF	unfiltered
Field QC Type Codes	
EQB	equipment rinsate blank
FB	field blank
FD	field duplicate
FR	field rinsate
FS	field split
FTB	field trip blank
FTR	field triplicate
INB	Equipment blank taken during installation and not associated with a sampling event.
ITB	Trip blank taken during installation and not associated with a sampling event.
NA	not applicable
PEB	performance evaluation blank
PEK	performance evaluation known

Acronyms and Abbreviations (continued)

Acronym , Abbreviation, or Symbol	Description
Field QC Type Codes (continued)	
RES	resample
SS	special sampling event, data unique
SS-EQB	equipment blank of special sampling event, data unique
SS-FB	field blank of special sampling event, data unique
SS-FD	field duplicate of special sampling event, data unique
SS-FTB	field trip blank of special sampling event, data unique
Analytical Suite Codes	
ANION	anions
DIOX/FUR, Diox/Fur	dioxins and furans
DRO	diesel range organics
GAMMA, GAMMA_SPEC	gamma spectroscopy
Geninorg, GENINORG	general inorganics
GRO	gasoline range organics
GROSSA	gross alpha
GROSSB	gross beta
HERB	herbicides
HEXP	high explosives
INORGANIC	inorganics
ISOTOPE, Isotope	isotope ratios
METALS, Metals	metals
PCB	polychlorinated biphenyls
PCB_CONG, PCB Cong	PCB congeners
PEST	pesticides
PEST/PCB, PESTPCB	pesticides and PCBs
RAD, Rad	radiochemistry (not gamma)
SVOA	semivolatile organics
SVOC	semivolatile organic compounds
VOA	volatile organics
VOC	volatile organic compounds
Lab Sample Type Codes	
CS	client sample
DL	dilution
DUP	duplicate
RE	reanalysis
REDL	reanalysis dilution
REDP	reanalysis duplicate
RI	reissue
TRP	triplicate

Acronyms and Abbreviations (continued)

Acronym , Abbreviation, or Symbol	Description
Lab Codes	
ALTC	Alta Analytical Laboratory, Inc., San Diego, CA
ARSL	American Radiation Services–Primary
CFA	Cape Fear Analytical, LLC, Wilmington, NC
C-INC	Isotope and Nuclear Chemistry Division (LANL)
COAST	Coastal Science Laboratories, Austin, TX
CST	Chemical Sciences and Technology Division (LANL)
EES6	Hydrology, Geochemistry, and Geology Group (LANL)
ESE	Environmental Sciences & Engineering, Inc., Gainesville, FL
FLD	measurement taken in field
GEL	General Engineering Laboratories, Inc.
GELC	General Engineering Laboratories, Inc., Charleston, SC
GEO	Geochron Laboratories, Boston, MA
HENV	Health and Environmental Laboratory (Johnson Controls, Northern New Mexico)
HUFFMAN	Huffman Laboratories, Inc., Golden, CO
KA	KEMRON Environmental Services, Inc., Vienna, VA
LVLI	Lionville Laboratory, Inc., Philadelphia, PA
PARA	Paragon Analytics, Inc., Salt Lake City, UT
PEC	Pacific Ecorisk Laboratories, Fairfield, CA
QESL	Quanterra Environmental Services, St. Louis, MO
QST	QST Environmental, Newberry, FL
RECRAP	RECRA Labnet, Lionville, PA
RFWC	Roy F. Weston, Inc., West Chester, PA
SGSW	Paradigm Analytical Laboratories, Inc., Wilmington, NC
SILENS	Stable Isotope Laboratory, Woods Hole, MA
STL2, STR	Severn Trent Laboratories, Inc., Richland, WA (historical)
STLA	Severn Trent Laboratories, Inc., Los Angeles, CA
STSL	Severn Trent Laboratories, Inc., St. Louis, MO
SwRI	Southwest Research Institute, San Antonio, TX
UAZ	University of Arizona, Tucson
UIL	University of Illinois, Urbana-Champaign
UMTL	University of Miami Tritium Lab

Analytical Laboratory Qualifier Codes

Code	Description
*	(Inorganic)—Duplicate analysis (relative percent difference) not within control limits.
B	(Organic) —Analyte was present in the blank and the sample. (Inorganic) —Reported value was obtained from a reading that was less than the contract-required detection limit (CRDL) but greater than or equal to the instrument detection limit (IDL).
BJ	See B code and see J code.
BJP	See B code, see J code, and see P code.
BPX	(B) (Organic)—This analyte was detected in the associated laboratory method blank and the sample. (B) (Inorganic)—The result for this analyte was greater than the IDL but less than the CRDL. (P) (Pesticides/PCBs)—The quantitative results for this analyte between the primary and secondary gas chromatography (GC) columns were greater than 25% difference. (P) (SW-846 EPA Method 8310, High-Pressure Liquid Chromatography, [HPLC] Results)—The quantitative results for this analyte between the primary and secondary HPLC columns or primary and secondary HPLC detectors were greater than 40% difference. (X) (Organic/Inorganic)—The result for this analyte should be regarded as not detected.
D	The result for this analyte was reported from a dilution.
DJ	See D code and see J code.
DNA	Did not analyze because equipment was broken.
E	(Organic) Analyte exceeded the concentration range. (Inorganic) The serial dilution was exceeded.
E*	See E code and see * code.
EJ	See E code and see J code.
EJ*	See E code, see J code, and see * code.
EJN	(E) (Organic)—The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (inductively coupled plasma atomic [optical] emission spectroscopy [ICPAES])—The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (graphite furnace atomic absorption [GFAA])—The result for this analyte failed one or more Control Laboratory Program (CLP) acceptance criteria as explained in the case narrative. (J) (Organic/General Inorganics)—The result for this analyte was greater than the method detection limit (MDL) but less than the practical quantitation limit (PQL). (N) (Organic)—The reported analyte is a tentatively identified compound (TIC). (N) (Inorganic)—The result for this analyte in the matrix spike sample was outside acceptance criteria.
EN	See E code and see N code.
EN*	(E) (Organic)—The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICPAES)—The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA)—The result for this analyte failed one or more CLP acceptance criteria as explained in the case narrative. (N) (Organic)—The reported analyte is a TIC. (N) (Inorganic)—The result for this analyte in the matrix spike sample was outside acceptance criteria. * (Inorganic)—The result for this analyte in the laboratory replicate analysis was outside acceptance criteria.

Analytical Laboratory Qualifier Codes (continued)

Code	Description
H	(Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded.
H*	(H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded. * (Organic) and (Inorganic)—The result for this analyte in the laboratory control sample (LCS) analysis was outside acceptance criteria.
HJ	See H code and see J code.
HJ*	(H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded. (J) (Organic/General Inorganics)—The result for this analyte was greater than the MDL but less than the PQL. * (Inorganic)—The result for this analyte in the laboratory replicate analysis was outside acceptance criteria.
INS	(d15N)—The d15N of nitrate is a signature of the nitrate present in a sample. Therefore, nitrate has to be present to have a signature. A d15N value cannot be given to a blank because the blank does not have nitrate. This is different from most analytical methods, where a blank is run with the designator “nondetect” or “detected, but below detection limit.”
J	(Inorganic)—The associated numerical value is an estimated quantity. (Organic)—The associated numerical value is an estimated quantity.
J*	See J code and see * code.
JB	See J code and see B code
JN	See J code and see N code.
JN*	See J code, see N code, and see * code.
JP	See J code and see P code.
N	(Inorganic)—Spiked sample recovery was not within control limits.
N*	See N code and see * code.
N*E	See N code, see * code, and see E code.
NE	See N code and see E code.
P	Percent difference between the results on the two columns during the analysis differed by more than 40%.
PJ	See P code and see J code.
U	The material was analyzed for but was not detected above the level of the associated numeric value.
U*	See U code and see * code.
UD	See U code and see D code.
UE	See U code and see E code.
UE*	See U code, see E code, and see * code.
UEN	See U code, see E code, and see N code.

Analytical Laboratory Qualifier Codes (continued)

Code	Description
UH	See U code and see H code.
UH*	(U) (Organic/Inorganic)—The result for this analyte was not detected at the specified reporting limit. (H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded. * (Inorganic)—The result for this analyte in the laboratory replicate analysis was outside acceptance criteria.
UI	(Rad) Gamma spectroscopy result should be regarded as an uncertain identification.
UN	EPA flag (Inorganic)—Compound was analyzed for but was not detected. Spiked sample recovery was not within control limits.
UN*	EPA flag (Inorganic)—See U code, see N code, and see * code.
UUI	(Rad) Gamma spectroscopy result should be regarded as an uncertain identification, and the analytical lab assigned these gamma spectroscopy results as not detected.
X	The analytical laboratory suspects the result is a nondetect despite positive quantification results.

Secondary Validation Flag Codes

Code	Description
A	The contractually required supporting documentation for this datum is absent.
I	The calculated sums are considered incomplete because of the lack of one or more congener results.
J	The analyte is classified as detected, but the reported concentration value is expected to be more uncertain than usual.
J-	The analyte is classified as detected, but the reported concentration value is expected to be more uncertain than usual with a potential negative bias.
J+	The analyte is classified as detected, but the reported concentration value is expected to be more uncertain than usual with a potential positive bias.
JN-	Presumptive evidence of the presence of the material is at an estimated quantity with a suspected negative bias.
JN+	Presumptive evidence of the presence of the material is at an estimated quantity with a suspected positive bias.
N	There is presumptive evidence of the presence of the material.
NJ	(Organic) Analyte has been tentatively identified, and the associated numerical value is estimated based upon a 1:1 response factor to the nearest eluting internal standard.
NQ	No validation qualifier flag is associated with this result, and the analyte is classified as detected.
PM	Manual review of raw data is recommended to determine if the observed noncompliances with quality acceptance criteria adversely impact data use.

Secondary Validation Flag Codes (continued)

Code	Description
R	The reported sample result is classified as rejected because of serious noncompliances regarding quality control (QC) acceptance criteria. The presence or absence of the analyte cannot be verified based on routine validation alone.
U	The analyte is classified as not detected.
UJ	The analyte is classified as not detected, with an expectation that the reported result is more uncertain than usual.

Table C-1 Pajarito Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
18-BG-1	5741	10	7/26/2010	WG	UF	CS	—	RAD	LLEE	Tritium	—	33.90966	5.14E+00	1.56E+00	—	pCi/L	—	—	10-3873	CAPA-10-24030	ARSL
18-BG-1	5741	10	2/22/2010	WG	UF	CS	—	RAD	LLEE	Tritium	—	50.1301	1.60E+00	2.87E-01	—	pCi/L	—	—	10-2041	CAPA-10-12771	UMTL
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	RAD	LLEE	Tritium	—	51.7266	1.60E+00	2.87E-01	—	pCi/L	—	—	09-3165	CAPA-09-12941	UMTL
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	RAD	LLEE	Tritium	—	51.7266	1.60E+00	2.87E-01	—	pCi/L	—	—	09-3165	CAPA-09-12311	UMTL
18-BG-1	5741	10	9/11/2008	WG	UF	CS	—	RAD	LLEE	Tritium	<	37.447504	5.78E+00	2.74E+00	—	pCi/L	—	U	08-1935	CAPA-08-14940	ARSL
18-BG-1	5741	10	6/20/2008	WG	UF	CS	—	RAD	LLEE	Tritium	—	53.0038	1.92E+00	2.87E-01	—	pCi/L	—	—	08-1453	CAPA-08-13527	UMTL
18-MW-11	7971	27	7/30/2010	WG	UF	CS	—	RAD	LLEE	Tritium	—	55.94136	8.49E+00	2.75E+00	—	pCi/L	—	—	10-3986	CAPA-10-24034	ARSL
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	RAD	LLEE	Tritium	—	59.7091	1.92E+00	2.87E-01	—	pCi/L	—	—	09-3165	CAPA-09-12130	UMTL
18-MW-11	7971	27	9/15/2008	WG	UF	CS	—	RAD	LLEE	Tritium	—	56.1968	1.92E+00	2.87E-01	—	pCi/L	—	—	08-1962	CAPA-08-14953	UMTL
18-MW-11	7971	27	6/17/2008	WG	UF	CS	—	RAD	LLEE	Tritium	—	55.2389	1.92E+00	2.87E-01	—	pCi/L	—	—	08-1378	CAPA-08-13089	UMTL
18-MW-18	5311	12.5	7/26/2010	WG	UF	CS	—	RAD	LLEE	Tritium	—	40.10408	6.10E+00	1.85E+00	—	pCi/L	—	—	10-3873	CAPA-10-24036	ARSL
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	RAD	LLEE	Tritium	—	56.8354	1.92E+00	2.87E-01	—	pCi/L	—	—	09-3165	CAPA-09-12138	UMTL
18-MW-18	5311	12.5	9/12/2008	WG	UF	CS	FD	RAD	LLEE	Tritium	<	37.712523	5.81E+00	2.63E+00	—	pCi/L	—	U	08-1935	CAPA-08-14960	ARSL
18-MW-18	5311	12.5	9/12/2008	WG	UF	CS	—	RAD	LLEE	Tritium	<	39.535726	6.09E+00	2.73E+00	—	pCi/L	—	U	08-1935	CAPA-08-14955	ARSL
18-MW-18	5311	12.5	6/10/2008	WG	UF	CS	—	RAD	LLEE	Tritium	—	60.3477	1.92E+00	2.87E-01	—	pCi/L	—	—	08-1315	CAPA-08-13099	UMTL
18-MW-18	5311	12.5	3/3/2008	WG	UF	CS	—	RAD	LLEE	Tritium	—	46.52201	1.41E+01	3.70E+00	—	pCi/L	—	—	08-750	CAPA-08-10941	ARSL
18-MW-8	5781	8	7/29/2010	WG	UF	CS	FD	RAD	LLEE	Tritium	—	55.78171	8.46E+00	2.11E+00	—	pCi/L	—	—	10-3986	CAPA-10-24041	ARSL
18-MW-8	5781	8	7/29/2010	WG	UF	CS	—	RAD	LLEE	Tritium	—	57.63365	8.72E+00	1.92E+00	—	pCi/L	—	—	10-3986	CAPA-10-24040	ARSL
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	RAD	LLEE	Tritium	—	42.7862	1.28E+00	2.87E-01	—	pCi/L	—	—	09-3165	CAPA-09-12136	UMTL
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	RAD	LLEE	Tritium	—	59.3898	1.92E+00	2.87E-01	—	pCi/L	—	—	08-1962	CAPA-08-14951	UMTL
18-MW-8	5781	8	6/16/2008	WG	UF	CS	—	RAD	LLEE	Tritium	—	61.6249	1.92E+00	2.87E-01	—	pCi/L	—	—	08-1377	CAPA-08-13095	UMTL
18-MW-8	5781	8	3/3/2008	WG	UF	CS	—	RAD	LLEE	Tritium	—	41.60479	1.27E+01	3.64E+00	—	pCi/L	—	—	08-750	CAPA-08-10938	ARSL
18-MW-9	5791	6	8/3/2010	WG	UF	CS	—	RAD	LLEE	Tritium	—	58.46383	8.84E+00	1.95E+00	—	pCi/L	—	—	10-3986	CAPA-10-24044	ARSL
18-MW-9	5791	6	9/9/2009	WG	UF	CS	FD	RAD	LLEE	Tritium	—	89.404	2.87E+00	2.87E-01	—	pCi/L	—	—	09-3246	CAPA-09-12126	UMTL
18-MW-9	5791	6	9/9/2009	WG	UF	CS	—	RAD	LLEE	Tritium	—	89.0847	2.87E+00	2.87E-01	—	pCi/L	—	—	09-3246	CAPA-09-12125	UMTL
18-MW-9	5791	6	9/11/2008	WG	UF	CS	—	RAD	LLEE	Tritium	<	35.688161	5.50E+00	2.63E+00	—	pCi/L	—	U	08-1935	CAPA-08-14946	ARSL
18-MW-9	5791	6	6/11/2008	WG	UF	CS	—	RAD	LLEE	Tritium	—	55.8775	1.92E+00	2.87E-01	—	pCi/L	—	—	08-1377	CAPA-08-13084	UMTL
18-MW-9	5791	6	3/19/2008	WG	UF	CS	—	RAD	LLEE	Tritium	—	60.0284	1.92E+00	2.87E-01	—	pCi/L	—	—	08-873	CAPA-08-10950	UMTL
Anderson Spring	—	—	8/9/2010	WG	UF	CS	—	RAD	LLEE	Tritium	—	8.74882	1.44E+00	1.63E+00	—	pCi/L	—	—	10-4110	CAPA-10-24004	ARSL
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	RAD	LLEE	Tritium	<	0.79825	2.87E-01	2.87E-01	—	pCi/L	—	U	09-3246	CAPA-09-12103	UMTL
Anderson Spring	—	—	9/10/2008	WG	UF	CS	—	RAD	LLEE	Tritium	<	3.943355	1.04E+00	2.65E+00	—	pCi/L	—	U	08-1935	CAPA-08-14916	ARSL
Anderson Spring	—	—	6/10/2008	WG	UF	CS	—	RAD	LLEE	Tritium	—	2.2351	2.87E-01	2.87E-01	—	pCi/L	—	—	08-1327	CAPA-08-13058	UMTL
Anderson Spring	—	—	3/10/2008	WG	UF	CS	—	RAD	LLEE	Tritium	—	17.65729	5.84E+00	3.67E+00	—	pCi/L	—	—	08-792	CAPA-08-10969	ARSL
CDBO-6	5281	34	8/2/2010	WG	UF	CS	—	RAD	LLEE	Tritium	—	56.89926	8.62E+00	2.17E+00	—	pCi/L	—	—	10-3986	CAPA-10-24065	ARSL
CDBO-6	5281	34	8/14/2009	WG	UF	CS	—	RAD	LLEE	Tritium	—	74.0776	2.55E+00	2.87E-01	—	pCi/L	—	—	09-2930	CAMO-09-9478	UMTL
CDBO-6	5281	34	8/18/2008	WG	UF	CS	—	RAD	LLEE	Tritium	<	40.04022	6.21E+00	3.35E+00	—	pCi/L	—	U	08-1738	CAMO-08-14436	ARSL
CDBO-6	5281	34	5/22/2008	WG	UF	CS	—	RAD	LLEE	Tritium	—	73.7583	2.55E+00	2.87E-01	—	pCi/L	—	—	08-1225	CAMO-08-12721	UMTL
CDBO-6	5281	34	2/27/2007	WG	UF	CS	—	RAD	LLEE	Tritium	—	109.5199	3.51E+00	2.87E-01	—	pCi/L	—	—	2315	UU070200G6DC01	UMTL
Charlie's Spring	—	—	8/10/2010	WG	UF	CS	FD	RAD	LLEE	Tritium	—	21.77626	3.35E+00	1.79E+00	—	pCi/L	—	—	10-4110	CAPA-10-24009	ARSL
Charlie's Spring	—	—	8/10/2010	WG	UF	CS	—	RAD	LLEE	Tritium	—	23.66013	3.64E+00	1.95E+00	—	pCi/L	—	—	10-4110	CAPA-10-24006	ARSL
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	RAD	LLEE	Tritium	—	35.7616	1.28E+00	2.87E-01	—	pCi/L	—	—	09-3321	CAPA-09-12110	UMTL
Charlie's Spring	—	—	9/11/2008	WG	UF	CS	—	RAD	LLEE	Tritium	<	28.500718	4.45E+00	2.73E+00	—	pCi/L	—	U	08-1935	CAPA-08-14925	ARSL
Charlie's Spring	—	—	6/19/2008	WG	UF	CS	—	RAD	LLEE	Tritium	—	32.8879	1.28E+00	2.87E-01	—	pCi/L	—	—	08-1453	CAPA-08-13066	UMTL
Charlie's Spring	—	—	3/11/2008	WG	UF	CS	—	RAD	LLEE	Tritium	—	28.83279	9.04E+00	3.77E+00	—	pCi/L	—	—	08-793	CAPA-08-10972	ARSL
Homestead Spring	—	—	8/10/2010	WG	UF	CS	—	RAD	LLEE	Tritium	—	24.5861	3.83E+00	2.62E+00	—	pCi/L	—	—	10-4110	CAPA-10-24012	ARSL
Homestead Spring	—	—	9/16/2009	WG	UF	CS	FD	RAD	LLEE	Tritium	—	25.16084	8.30E-01	2.87E-01	—	pCi/L	—	—	09-3321	CAPA-09-12097	UMTL
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	RAD	LLEE	Tritium	—	25.06505	8.30E-01	2.87E-01	—	pCi/L	—	—	09-3321	CAPA-09-12094	UMTL
Homestead Spring	—	—	9/11/2008	WG	UF	CS	FD	RAD	LLEE	Tritium	<	23.631393	3.74E+00	2.79E+00	—	pCi/L	—	U	08-1935	CAPA-08-14911	ARSL
Homestead Spring	—	—	9/11/2008	WG	UF	CS	—	RAD	LLEE	Tritium	<	21.421837	3.40E+00	2.62E+00	—	pCi/L	—	U	08-1935	CAPA-08-14909	ARSL
Homestead Spring	—	—	6/24/2008	WG	UF	CS	FD	RAD	LLEE	Tritium	—	32.5686	9.58E-01	2.87E-01	—	pCi/L	—	—	08-1450	CAPA-08-13054	UMTL

Table C-1 Pajarito Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Homestead Spring	—	—	6/24/2008	WG	UF	CS	—	RAD	LLEE	Tritium	—	33.8458	1.28E+00	2.87E-01	—	pCi/L	—	—	08-1450	CAPA-08-13051	UMTL
Homestead Spring	—	—	3/11/2008	WG	UF	CS	FD	RAD	LLEE	Tritium	—	26.34225	8.21E+00	3.19E+00	—	pCi/L	—	—	08-793	CAPA-08-11013	ARSL
Homestead Spring	—	—	3/11/2008	WG	UF	CS	—	RAD	LLEE	Tritium	—	30.84438	9.52E+00	3.35E+00	—	pCi/L	—	—	08-793	CAPA-08-10961	ARSL
PC Spring	—	—	8/5/2010	WG	UF	CS	—	RAD	LLEE	Tritium	—	19.92432	3.07E+00	1.69E+00	—	pCi/L	—	—	10-4110	CAPA-10-24016	ARSL
PC Spring	—	—	9/17/2009	WG	UF	CS	—	RAD	LLEE	Tritium	—	23.50048	7.66E-01	2.87E-01	—	pCi/L	—	—	09-3321	CAPA-09-12090	UMTL
PC Spring	—	—	9/19/2008	WG	UF	CS	—	RAD	LLEE	Tritium	—	25.60786	8.30E-01	2.87E-01	—	pCi/L	—	—	08-2002	CAPA-08-14905	UMTL
PC Spring	—	—	6/13/2008	WG	UF	CS	—	RAD	LLEE	Tritium	—	28.16226	9.26E-01	2.87E-01	—	pCi/L	—	—	08-1378	CAPA-08-13048	UMTL
PC Spring	—	—	3/19/2008	WG	UF	CS	—	RAD	LLEE	Tritium	—	32.5686	9.58E-01	2.87E-01	—	pCi/L	—	—	08-874	CAPA-08-10958	UMTL
R-19	282	1190.7	7/29/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-3.41651	7.98E-01	2.27E+00	—	pCi/L	U	U	10-3986	CAPA-10-24099	ARSL
R-19	282	1190.7	9/14/2009	WG	UF	CS	—	RAD	LLEE	Tritium	<	0.12772	2.87E-01	2.87E-01	—	pCi/L	U	U	09-3258	CAPA-09-12175	UMTL
R-19	282	1190.7	9/10/2008	WG	UF	CS	—	RAD	LLEE	Tritium	<	4.256269	1.10E+00	2.76E+00	—	pCi/L	—	U	08-1935	CAPA-08-15047	ARSL
R-19	282	1190.7	6/17/2008	WG	UF	CS	—	RAD	LLEE	Tritium	<	0	2.87E-01	2.87E-01	—	pCi/L	U	U	08-1453	CAPA-08-13215	UMTL
R-19	282	1190.7	3/17/2008	WG	UF	CS	—	RAD	LLEE	Tritium	<	0	2.87E-01	2.87E-01	—	pCi/L	U	U	08-833	CAPA-08-11068	UMTL
R-19	352	1412.9	7/30/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	0.41509	6.07E-01	1.95E+00	—	pCi/L	U	U	10-3986	CAPA-10-24102	ARSL
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	RAD	LLEE	Tritium	<	0.79825	2.87E-01	2.87E-01	—	pCi/L	—	U	09-3321	CAPA-09-12181	UMTL
R-19	352	1412.9	9/11/2008	WG	UF	CS	—	RAD	LLEE	Tritium	<	0.520459	8.21E-01	2.74E+00	—	pCi/L	U	U	08-1935	CAPA-08-15049	ARSL
R-19	352	1412.9	6/11/2008	WG	UF	CS	—	RAD	LLEE	Tritium	<	0.03193	2.87E-01	2.87E-01	—	pCi/L	U	U	08-1377	CAPA-08-13172	UMTL
R-19	352	1412.9	3/13/2008	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.03193	2.87E-01	2.87E-01	—	pCi/L	U	U	08-818	CAPA-08-11034	UMTL
R-20	8441	904.6	8/3/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	0.47895	6.71E-01	2.20E+00	—	pCi/L	U	U	10-3986	CAPA-10-24105	ARSL
R-20	8441	904.6	6/15/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.92597	4.47E-01	1.53E+00	—	pCi/L	U	U	10-3425	CAPA-10-17601	ARSL
R-20	8441	904.6	3/13/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.28737	2.87E-01	2.87E-01	—	pCi/L	U	U	10-2447	CAPA-10-12817	UMTL
R-20	8441	904.6	12/1/2009	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.06386	2.87E-01	2.87E-01	—	pCi/L	U	U	10-750	CAPA-10-6373	UMTL
R-20	8441	904.6	9/2/2009	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.03193	2.87E-01	2.87E-01	—	pCi/L	U	U	09-3165	CAPA-09-12263	UMTL
R-20	8451	1147.1	7/30/2010	WG	UF	CS	FD	RAD	LLEE	Tritium	<	0.44702	6.39E-01	2.14E+00	—	pCi/L	U	U	10-3986	CAPA-10-24112	ARSL
R-20	8451	1147.1	7/30/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	0.38316	5.43E-01	1.82E+00	—	pCi/L	U	U	10-3986	CAPA-10-24110	ARSL
R-20	8451	1147.1	6/1/2010	WG	UF	CS	FD	RAD	LLEE	Tritium	<	-1.05369	5.43E-01	1.82E+00	—	pCi/L	U	U	10-3290	CAPA-10-17609	ARSL
R-20	8451	1147.1	6/1/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.22351	5.11E-01	1.76E+00	—	pCi/L	U	U	10-3290	CAPA-10-17607	ARSL
R-20	8451	1147.1	2/24/2010	WG	UF	CS	FD	RAD	LLEE	Tritium	<	-0.06386	2.87E-01	2.87E-01	—	pCi/L	U	U	10-2251	CAPA-10-12825	UMTL
R-20	8451	1147.1	2/24/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.19158	2.87E-01	2.87E-01	—	pCi/L	U	U	10-2251	CAPA-10-12823	UMTL
R-20	8451	1147.1	12/2/2009	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.06386	2.87E-01	2.87E-01	—	pCi/L	U	U	10-845	CAPA-10-6855	UMTL
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	RAD	LLEE	Tritium	<	0	2.87E-01	2.87E-01	—	pCi/L	U	U	09-3165	CAPA-09-12265	UMTL
R-21	1761	888.8	8/11/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.47895	5.75E-01	1.92E+00	—	pCi/L	U	U	10-4110	CAPA-10-24115	ARSL
R-21	1761	888.8	6/11/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-1.53264	6.71E-01	2.27E+00	—	pCi/L	U	U	10-3425	CAPA-10-17672	ARSL
R-21	1761	888.8	3/12/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.06386	2.87E-01	2.87E-01	—	pCi/L	U	U	10-2447	CAPA-10-12829	UMTL
R-21	1761	888.8	12/4/2009	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.25544	2.87E-01	2.87E-01	—	pCi/L	U	U	10-845	CAPA-10-6381	UMTL
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	RAD	LLEE	Tritium	<	0.22351	2.87E-01	2.87E-01	—	pCi/L	U	U	09-2930	CAMO-09-9908	UMTL
R-23	1771	816	8/12/2010	WG	UF	CS	FD	RAD	LLEE	Tritium	—	3.60809	8.30E-01	1.98E+00	—	pCi/L	—	—	10-4210	CAPA-10-24120	ARSL
R-23	1771	816	8/12/2010	WG	UF	CS	—	RAD	LLEE	Tritium	—	3.67195	8.62E-01	2.01E+00	—	pCi/L	—	—	10-4210	CAPA-10-24119	ARSL
R-23	1771	816	6/9/2010	WG	UF	CS	FD	RAD	LLEE	Tritium	<	-1.30913	6.71E-01	2.27E+00	—	pCi/L	U	U	10-3425	CAPA-10-17734	ARSL
R-23	1771	816	6/9/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.60667	6.71E-01	2.20E+00	—	pCi/L	U	U	10-3425	CAPA-10-17737	ARSL
R-23	1771	816	3/5/2010	WG	UF	CS	FD	RAD	LLEE	Tritium	<	-0.15965	2.87E-01	2.87E-01	—	pCi/L	U	U	10-2383	CAPA-10-12834	UMTL
R-23	1771	816	3/5/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.25544	2.87E-01	2.87E-01	—	pCi/L	U	U	10-2383	CAPA-10-12833	UMTL
R-23	1771	816	12/9/2009	WG	UF	CS	FD	RAD	LLEE	Tritium	<	0.22351	2.87E-01	2.87E-01	—	pCi/L	U	U	10-954	CAPA-10-6371	UMTL
R-23	1771	816	12/9/2009	WG	UF	CS	—	RAD	LLEE	Tritium	<	0.12772	2.87E-01	2.87E-01	—	pCi/L	U	U	10-954	CAPA-10-6347	UMTL
R-23	1771	816	9/3/2009	WG	UF	CS	FD	RAD	LLEE	Tritium	<	-0.25544	2.87E-01	2.87E-01	—	pCi/L	U	U	09-3165	CAPA-09-12273	UMTL
R-23	1771	816	9/3/2009	WG	UF	CS	—	RAD	LLEE	Tritium	<	0.38316	2.87E-01	2.87E-01	—	pCi/L	—	U	09-3165	CAPA-09-12270	UMTL
R-23i	7001	400.3	6/15/2010	WG	UF	CS	—	RAD	LLEE	Tritium	—	93.84227	1.41E+01	1.95E+00	—	pCi/L	—	—	10-3425	CAPA-10-17584	ARSL
R-23i	7001	400.3	3/10/2010	WG	UF	CS	—	RAD	LLEE	Tritium	—	152.3061	5.11E+00	2.87E-01	—	pCi/L	—	—	10-2447	CAPA-10-12894	UMTL
R-23i	7001	400.3	12/3/2009	WG	UF	CS	—	RAD	LLEE	Tritium	—	185.194	6.07E+00	2.87E-01	—	pCi/L	—	—	10-845	CAPA-10-6787	UMTL
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	RAD	LLEE	Tritium	—	188.7063	6.07E+00	2.87E-01	—	pCi/L	—	—	09-3246	CAPA-09-12239	UMTL

Table C-1 Pajarito Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	RAD	LLEE	Tritium	—	228.2995	7.66E+00	2.87E-01	—	pCi/L	—	—	09-2260	CAPA-09-9457	UMTL
R-32	8421	867.5	8/6/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.67053	5.43E-01	1.79E+00	—	pCi/L	U	U	10-4110	CAPA-10-24125	ARSL
R-32	8421	867.5	6/7/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-3.00142	7.34E-01	2.14E+00	—	pCi/L	U	U	10-3346	CAPA-10-17740	ARSL
R-32	8421	867.5	3/9/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	0.19158	2.87E-01	2.87E-01	—	pCi/L	U	U	10-2447	CAPA-10-12837	UMTL
R-32	8421	867.5	12/7/2009	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.12772	2.87E-01	2.87E-01	—	pCi/L	U	U	10-845	CAPA-10-6377	UMTL
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.09579	2.87E-01	2.87E-01	—	pCi/L	U	U	09-3086	CAPA-09-12277	UMTL
R-37	8821	929.3	8/5/2010	WG	UF	CS	—	RAD	LLEE	Tritium	—	34.10124	5.20E+00	1.85E+00	—	pCi/L	—	—	10-4110	CAPA-10-24066	ARSL
R-37	8821	929.3	6/16/2010	WG	UF	CS	—	RAD	LLEE	Tritium	—	42.05181	6.42E+00	2.59E+00	—	pCi/L	—	—	10-3479	CAPA-10-17949	ARSL
R-37	8821	929.3	3/2/2010	WG	UF	CS	—	RAD	LLEE	Tritium	—	44.702	1.28E+00	2.87E-01	—	pCi/L	—	—	10-2251	CAPA-10-12855	UMTL
R-37	8821	929.3	12/18/2009	WG	UF	CS	—	RAD	LLEE	Tritium	—	26.31032	4.09E+00	2.33E+00	—	pCi/L	—	—	10-1022	CAPA-10-6823	ARSL
R-37	8821	929.3	11/18/2009	WG	UF	CS	—	RAD	EPA:906.0	Tritium	<	56.7	3.30E+01	1.10E+02	—	pCi/L	U	U	10-625	CAMO-10-5356	GELC
R-37	8821	929.3	11/18/2009	WG	UF	CS	—	RAD	LLEE	Tritium	—	39.9125	1.28E+00	2.87E-01	—	pCi/L	—	—	10-663	CAMO-10-5356	UMTL
R-37	8811	1026	8/10/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.47895	5.43E-01	1.85E+00	—	pCi/L	U	U	10-4110	CAPA-10-24128	ARSL
R-37	8811	1026	6/8/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-2.04352	6.07E-01	1.82E+00	—	pCi/L	U	U	10-3346	CAPA-10-17952	ARSL
R-37	8811	1026	3/3/2010	WG	UF	CS	—	RAD	LLEE	Tritium	—	4.53406	2.87E-01	2.87E-01	—	pCi/L	—	—	10-2383	CAPA-10-13073	UMTL
R-37	8811	1026	12/18/2009	WG	UF	CS	—	RAD	LLEE	Tritium	—	24.42645	3.74E+00	1.63E+00	—	pCi/L	—	—	10-1022	CAPA-10-6824	ARSL
R-37	8811	1026	11/18/2009	WG	UF	CS	—	RAD	EPA:906.0	Tritium	<	-1.68	3.00E+01	1.10E+02	—	pCi/L	U	U	10-615	CAMO-10-5483	GELC
R-37	8811	1026	11/18/2009	WG	UF	CS	—	RAD	LLEE	Tritium	—	13.47446	4.47E-01	2.87E-01	—	pCi/L	—	—	10-663	CAMO-10-5483	UMTL
R-38	8631	821.2	8/6/2010	WG	UF	CS	FD	RAD	LLEE	Tritium	<	-0.79825	5.43E-01	1.82E+00	—	pCi/L	U	U	10-4110	CAPA-10-24152	ARSL
R-38	8631	821.2	8/6/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.86211	6.07E-01	2.08E+00	—	pCi/L	U	U	10-4110	CAPA-10-24148	ARSL
R-38	8631	821.2	6/2/2010	WG	UF	CS	FD	RAD	LLEE	Tritium	<	-1.11755	5.75E-01	1.85E+00	—	pCi/L	U	U	10-3322	CAPA-10-17957	ARSL
R-38	8631	821.2	6/2/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.6386	5.43E-01	1.85E+00	—	pCi/L	U	U	10-3322	CAPA-10-17956	ARSL
R-38	8631	821.2	3/12/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.15965	2.87E-01	2.87E-01	—	pCi/L	U	U	10-2447	CAPA-10-13087	UMTL
R-38	8631	821.2	12/17/2009	WG	UF	CS	—	RAD	EPA:906.0	Tritium	<	14.9	5.20E+01	1.80E+02	—	pCi/L	U	U	10-995	CAPA-10-6793	GELC
R-38	8631	821.2	12/17/2009	WG	UF	CS	—	RAD	LLEE	Tritium	<	0.51088	6.39E-01	2.17E+00	—	pCi/L	U	U	10-1024	CAPA-10-6793	ARSL
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	RAD	LLEE	Tritium	—	40.5511	1.28E+00	2.87E-01	—	pCi/L	—	—	09-3009	CAMO-09-9566	UMTL
R-39	8641	859	8/12/2010	WG	UF	CS	—	RAD	LLEE	Tritium	—	4.40634	1.02E+00	2.39E+00	—	pCi/L	—	—	10-4210	CAPA-10-24143	ARSL
R-39	8641	859	6/2/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-1.18141	9.90E-01	3.32E+00	—	pCi/L	U	U	10-3322	CAPA-10-17901	ARSL
R-39	8641	859	2/26/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	0	2.87E-01	2.87E-01	—	pCi/L	U	U	10-2251	CAPA-10-12913	UMTL
R-39	8641	859	12/9/2009	WG	UF	CS	FD	RAD	LLEE	Tritium	<	-0.25544	2.87E-01	2.87E-01	—	pCi/L	U	U	10-954	CAPA-10-6800	UMTL
R-39	8641	859	12/9/2009	WG	UF	CS	—	RAD	LLEE	Tritium	<	0.15965	2.87E-01	2.87E-01	—	pCi/L	U	U	10-954	CAPA-10-6797	UMTL
R-39	8641	859	9/2/2009	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.06386	2.87E-01	2.87E-01	—	pCi/L	U	U	09-3165	CAPA-09-12281	UMTL
R-40	8691	649.7	7/28/2010	WG	UF	CS	—	RAD	LLEE	Tritium	—	4.56599	9.58E-01	1.98E+00	—	pCi/L	—	—	10-3986	CAPA-10-24070	ARSL
R-40	8691	649.7	3/3/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	0	2.87E-01	2.87E-01	—	pCi/L	U	U	10-2274	CAPA-10-12851	UMTL
R-40	8691	649.7	12/4/2009	WG	UF	CS	—	RAD	LLEE	Tritium	<	0.51088	2.87E-01	2.87E-01	—	pCi/L	—	U	10-845	CAPA-10-6790	UMTL
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	RAD	LLEE	Tritium	<	0.19158	2.87E-01	2.87E-01	—	pCi/L	U	U	09-3086	CAPA-09-12253	UMTL
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	RAD	LLEE	Tritium	<	0.38316	2.87E-01	2.87E-01	—	pCi/L	—	U	09-2354	CAPA-09-9443	UMTL
R-40	8701	751.6	7/28/2010	WG	UF	CS	—	RAD	LLEE	Tritium	—	17.14641	2.71E+00	2.01E+00	—	pCi/L	—	—	10-3986	CAPA-10-24073	ARSL
R-40	8701	751.6	6/4/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.35123	4.47E-01	1.47E+00	—	pCi/L	U	U	10-3322	CAPA-10-17906	ARSL
R-40	8701	751.6	2/23/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	0.12772	1.28E-01	2.87E-01	—	pCi/L	U	U	10-2041	CAPA-10-13083	UMTL
R-40	8701	751.6	12/4/2009	WG	UF	CS	—	RAD	LLEE	Tritium	<	0.06386	2.87E-01	2.87E-01	—	pCi/L	U	U	10-845	CAPA-10-6803	UMTL
R-40	8701	751.6	9/4/2009	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.25544	2.87E-01	2.87E-01	—	pCi/L	U	U	09-3165	CAPA-09-12314	UMTL
R-40	8711	849.3	7/27/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-3.64002	7.66E-01	1.98E+00	—	pCi/L	U	U	10-3852	CAPA-10-24145	ARSL
R-40	8711	849.3	6/3/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.98983	6.07E-01	2.08E+00	—	pCi/L	U	U	10-3322	CAPA-10-17908	ARSL
R-40	8711	849.3	2/23/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.3193	1.28E-01	2.87E-01	—	pCi/L	U	U	10-2041	CAPA-10-12917	UMTL
R-40	8711	849.3	12/3/2009	WG	UF	CS	FD	RAD	LLEE	Tritium	<	-0.06386	2.87E-01	2.87E-01	—	pCi/L	U	U	10-845	CAPA-10-6805	UMTL
R-40	8711	849.3	12/3/2009	WG	UF	CS	—	RAD	LLEE	Tritium	<	0.15965	2.87E-01	2.87E-01	—	pCi/L	U	U	10-845	CAPA-10-6807	UMTL
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	RAD	LLEE	Tritium	<	0.15965	2.87E-01	2.87E-01	—	pCi/L	U	U	09-3165	CAPA-09-12317	UMTL
R-41	8791	965.3	8/9/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.79825	6.07E-01	2.08E+00	—	pCi/L	U	U	10-4110	CAPA-10-24131	ARSL
R-41	8791	965.3	6/9/2010	WG	UF	CS	FD	RAD	LLEE	Tritium	<	-0.76632	6.07E-01	2.04E+00	—	pCi/L	U	U	10-3425	CAPA-10-17914	ARSL

Table C-1 Pajarito Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-41	8791	965.3	6/9/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.76632	6.07E-01	2.11E+00	—	pCi/L	U	U	10-3425	CAPA-10-17910	ARSL
R-41	8791	965.3	2/26/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.35123	2.87E-01	2.87E-01	—	pCi/L	U	U	10-2251	CAPA-10-12919	UMTL
R-41	8791	965.3	12/15/2009	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.12772	2.87E-01	2.87E-01	—	pCi/L	U	U	10-954	CAPA-10-6818	UMTL
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	RAD	LLEE	Tritium	<	0.22351	2.87E-01	2.87E-01	—	pCi/L	U	U	09-3086	CAPA-09-12294	UMTL
R-49	8831	845	7/29/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	0.3193	4.47E-01	1.47E+00	—	pCi/L	U	U	10-3986	CAPA-10-24650	ARSL
R-49	8831	845	6/14/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-1.21334	6.39E-01	2.08E+00	—	pCi/L	U	U	10-3425	CAPA-10-17856	ARSL
R-49	8831	845	3/3/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	0.06386	2.87E-01	2.87E-01	—	pCi/L	U	U	10-2383	CAPA-10-12903	UMTL
R-49	8831	845	12/7/2009	WG	UF	CS	—	RAD	LLEE	Tritium	<	0.09579	2.87E-01	2.87E-01	—	pCi/L	U	U	10-845	CAPA-10-6813	UMTL
R-49	8831	845	9/1/2009	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.22351	2.87E-01	2.87E-01	—	pCi/L	U	U	09-3086	CAPA-09-12297	UMTL
R-49	8841	905.6	7/29/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	0.51088	7.02E-01	2.33E+00	—	pCi/L	U	U	10-3986	CAPA-10-24139	ARSL
R-49	8841	905.6	6/9/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.9579	5.75E-01	1.95E+00	—	pCi/L	U	U	10-3425	CAPA-10-17898	ARSL
R-49	8841	905.6	3/5/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	0.12772	2.87E-01	2.87E-01	—	pCi/L	U	U	10-2383	CAPA-10-12909	UMTL
R-49	8841	905.6	12/9/2009	WG	UF	CS	—	RAD	LLEE	Tritium	<	0.22351	2.87E-01	2.87E-01	—	pCi/L	U	U	10-870	CAPA-10-6816	UMTL
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	RAD	LLEE	Tritium	<	0.22351	2.87E-01	2.87E-01	—	pCi/L	U	U	09-3086	CAPA-09-12300	UMTL
R-51	8991	914.96	7/26/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-3.44844	7.98E-01	2.20E+00	—	pCi/L	U	U	10-3852	CAPA-10-24156	ARSL
R-51	8991	914.96	6/18/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	1.9158	7.02E-01	2.04E+00	—	pCi/L	U	U	10-3479	CAPA-10-19017	ARSL
R-51	8991	914.96	3/8/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	0.03193	2.87E-01	2.87E-01	—	pCi/L	U	U	10-2384	CAPA-10-13494	UMTL
R-51	9001	1031	7/26/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-3.193	6.39E-01	1.53E+00	—	pCi/L	U	U	10-3852	CAPA-10-24158	ARSL
R-51	9001	1031	6/18/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	2.26703	8.30E-01	2.39E+00	—	pCi/L	U	U	10-3479	CAPA-10-19021	ARSL
R-51	9001	1031	2/22/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.22351	6.39E-02	2.87E-01	—	pCi/L	U	U	10-2060	CAPA-10-13498	UMTL
R-52	9061	1035.2	8/5/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.22351	7.02E-01	2.39E+00	—	pCi/L	U	U	10-4110	CAPA-10-24167	ARSL
R-52	9061	1035.2	5/2/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	0.03193	8.62E-01	2.87E+00	—	pCi/L	U	U	10-3041	CAPA-10-16633	ARSL
R-52	9071	1107	8/5/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.15965	4.79E-01	1.63E+00	—	pCi/L	U	U	10-4110	CAPA-10-24658	ARSL
R-52	9071	1107	4/23/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	3.1977895	9.15E-01	2.47E+00	—	pCi/L	—	U	10-2948	CAPA-10-16638	ARSL
R-53	9041	849.2	7/26/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-3.73581	8.62E-01	2.39E+00	—	pCi/L	U	U	10-3852	CAPA-10-24174	ARSL
R-53	9041	849.2	4/19/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.54281	7.34E-01	2.52E+00	—	pCi/L	U	U	10-2849	CAPA-10-15928	ARSL
R-53	9031	959.7	7/26/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-4.1509	8.94E-01	2.30E+00	—	pCi/L	U	U	10-3852	CAPA-10-24179	ARSL
R-53	9031	959.7	4/14/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-2.33089	3.19E+00	1.79E+00	—	pCi/L	U	U	10-2751	CAPA-10-15923	ARSL
R-54	8981	830	7/27/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-6.80109	1.34E+00	3.26E+00	—	pCi/L	U	U	10-3852	CAPA-10-24160	ARSL
R-54	8981	830	6/18/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	1.82001	6.71E-01	1.92E+00	—	pCi/L	U	U	10-3479	CAPA-10-18473	ARSL
R-54	8981	830	2/15/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.09579	2.87E-01	2.87E-01	—	pCi/L	U	U	10-1904	CAPA-10-12691	UMTL
R-54	8971	915	7/27/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-3.16107	7.34E-01	2.01E+00	—	pCi/L	U	U	10-3852	CAPA-10-24165	ARSL
R-54	8971	915	6/18/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	1.9158	7.02E-01	2.01E+00	—	pCi/L	U	U	10-3479	CAPA-10-18479	ARSL
R-54	8971	915	2/21/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.06386	9.58E-02	2.87E-01	—	pCi/L	U	U	10-2061	CAPA-10-13095	UMTL
R-56	9361	945	8/19/2010	WG	UF	CS	—	RAD	LLEE	Tritium	—	3.35265	7.66E-01	1.82E+00	—	pCi/L	—	—	10-4353	CAPA-10-24868	ARSL
R-56	9371	1046.6	8/13/2010	WG	UF	CS	—	RAD	LLEE	Tritium	—	3.44844	7.98E-01	1.88E+00	—	pCi/L	—	—	10-4209	CAPA-10-24872	ARSL
R-57	9111	910	7/1/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-3.41651	7.34E-01	1.88E+00	—	pCi/L	U	U	10-3596	CAPA-10-22387	ARSL
R-57	9101	971.5	6/25/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-3.95932	1.05E+00	3.07E+00	—	pCi/L	U	U	10-3509	CAPA-10-22406	ARSL
Starmer Spring	—	—	8/10/2010	WG	UF	CS	—	RAD	LLEE	Tritium	—	22.63837	3.51E+00	2.27E+00	—	pCi/L	—	—	10-4110	CAPA-10-24018	ARSL
Starmer Spring	—	—	9/16/2009	WG	UF	CS	—	RAD	LLEE	Tritium	—	28.67314	9.58E-01	2.87E-01	—	pCi/L	—	—	09-3321	CAPA-09-12100	UMTL
Starmer Spring	—	—	9/11/2008	WG	UF	CS	—	RAD	LLEE	Tritium	<	22.810792	3.62E+00	2.82E+00	—	pCi/L	—	U	08-1935	CAPA-08-14912	ARSL
Starmer Spring	—	—	6/24/2008	WG	UF	CS	—	RAD	LLEE	Tritium	—	35.4423	1.28E+00	2.87E-01	—	pCi/L	—	—	08-1450	CAPA-08-13057	UMTL
Starmer Spring	—	—	3/11/2008	WG	UF	CS	—	RAD	LLEE	Tritium	—	26.21453	8.14E+00	3.16E+00	—	pCi/L	—	—	08-793	CAPA-08-10966	ARSL

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
03-B-13	7671	21.5	10/22/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52.6	—	—	7.30E-01	mg/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	21.5	08/12/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.5	—	—	7.30E-01	mg/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	21.5	06/08/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	74.1	—	—	7.30E-01	mg/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	21.5	03/01/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	19.1	—	—	7.30E-01	mg/L	—	—	10-2220	CAPA-10-12789	GELC
03-B-13	7671	21.5	12/14/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	29.9	—	—	7.30E-01	mg/L	—	—	10-933	CAPA-10-6099	GELC
03-B-13	7671	21.5	10/22/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.017	—	—	1.60E-02	mg/L	J	J-	11-247	CAPA-10-26928	GELC
03-B-13	7671	21.5	08/12/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.028	—	—	1.60E-02	mg/L	J	J	10-4141	CAPA-10-24080	GELC
03-B-13	7671	21.5	06/08/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.08	—	—	1.60E-02	mg/L	—	U	10-3343	CAPA-10-17568	GELC
03-B-13	7671	21.5	03/01/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	UJ	10-2220	CAPA-10-12789	GELC
03-B-13	7671	21.5	12/14/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.026	—	—	1.60E-02	mg/L	J	U	10-933	CAPA-10-6099	GELC
03-B-13	7671	21.5	10/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.98	—	—	5.00E-02	mg/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	21.5	08/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.3	—	—	5.00E-02	mg/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	21.5	06/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.8	—	—	5.00E-02	mg/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	21.5	03/01/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.2	—	—	5.00E-02	mg/L	—	—	10-2220	CAPA-10-12789	GELC
03-B-13	7671	21.5	12/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	2.62	—	—	5.00E-02	mg/L	—	—	10-933	CAPA-10-6099	GELC
03-B-13	7671	21.5	10/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.7	—	—	5.00E-02	mg/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	21.5	08/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.5	—	—	5.00E-02	mg/L	—	—	10-4141	CAPA-10-24078	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.3	—	—	5.00E-02	mg/L	—	—	10-3343	CAPA-10-17570	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.5	—	—	5.00E-02	mg/L	—	—	10-2220	CAPA-10-12788	GELC
03-B-13	7671	21.5	12/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	3.34	—	—	5.00E-02	mg/L	—	—	10-933	CAPA-10-6101	GELC
03-B-13	7671	21.5	10/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	75.1	—	—	6.60E-01	mg/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	21.5	08/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	104	—	—	6.60E-01	mg/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	21.5	06/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	221	—	—	1.30E+00	mg/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	21.5	03/01/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	173	—	—	3.30E+00	mg/L	—	—	10-2220	CAPA-10-12789	GELC
03-B-13	7671	21.5	12/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	18.6	—	—	6.60E-02	mg/L	—	J+	10-933	CAPA-10-6099	GELC
03-B-13	7671	21.5	10/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.195	—	—	3.30E-02	mg/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	21.5	08/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.189	—	—	3.30E-02	mg/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	21.5	06/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.168	—	—	3.30E-02	mg/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	21.5	03/01/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.127	—	—	3.30E-02	mg/L	—	—	10-2220	CAPA-10-12789	GELC
03-B-13	7671	21.5	12/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.196	—	—	3.30E-02	mg/L	—	—	10-933	CAPA-10-6099	GELC
03-B-13	7671	21.5	10/22/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	33.5	—	—	3.50E-01	mg/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	21.5	08/12/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38	—	—	3.50E-01	mg/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	21.5	06/08/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	93	—	—	3.50E-01	mg/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	21.5	03/01/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	64.6	—	—	3.50E-01	mg/L	—	—	10-2220	CAPA-10-12789	GELC
03-B-13	7671	21.5	12/14/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	10.5	—	—	3.50E-01	mg/L	—	—	10-933	CAPA-10-6099	GELC
03-B-13	7671	21.5	10/22/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	52.2	—	—	3.50E-01	mg/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	21.5	08/12/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.9	—	—	3.50E-01	mg/L	—	—	10-4141	CAPA-10-24078	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	92	—	—	3.50E-01	mg/L	—	—	10-3343	CAPA-10-17570	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	65.8	—	—	3.50E-01	mg/L	—	—	10-2220	CAPA-10-12788	GELC
03-B-13	7671	21.5	12/14/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	17.1	—	—	3.50E-01	mg/L	—	—	10-933	CAPA-10-6101	GELC
03-B-13	7671	21.5	10/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.69	—	—	8.50E-02	mg/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	21.5	08/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.39	—	—	8.50E-02	mg/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	21.5	06/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.3	—	—	8.50E-02	mg/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	21.5	03/01/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.07	—	—	8.50E-02	mg/L	—	—	10-2220	CAPA-10-12789	GELC
03-B-13	7671	21.5	12/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.972	—	—	8.50E-02	mg/L	—	—	10-933	CAPA-10-6099	GELC
03-B-13	7671	21.5	10/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.99	—	—	8.50E-02	mg/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	21.5	08/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.47	—	—	8.50E-02	mg/L	—	—	10-4141	CAPA-10-24078	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.41	—	—	8.50E-02	mg/L	—	—	10-3343	CAPA-10-17570	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.16	—	—	8.50E-02	mg/L	—	—	10-2220	CAPA-10-12788	GELC
03-B-13	7671	21.5	12/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.13	—	—	8.50E-02	mg/L	—	—	10-933	CAPA-10-6101	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
03-B-13	7671	21.5	10/22/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.134	—	—	5.00E-02	ug/L	J	J	11-247	CAPA-10-26928	GELC
03-B-13	7671	21.5	08/12/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.075	—	—	5.00E-02	ug/L	J	J	10-4141	CAPA-10-24080	GELC
03-B-13	7671	21.5	06/08/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.371	—	—	5.00E-02	ug/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	21.5	03/01/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.07	—	—	5.00E-02	ug/L	J	J	10-2220	CAPA-10-12789	GELC
03-B-13	7671	21.5	12/14/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0605	—	—	5.00E-02	ug/L	J	J	10-933	CAPA-10-6099	GELC
03-B-13	7671	21.5	10/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	10.4	—	—	5.00E-02	mg/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	21.5	08/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	11.4	—	—	5.00E-02	mg/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	21.5	06/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	16.8	—	—	5.00E-02	mg/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	21.5	03/01/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	11.4	—	—	5.00E-02	mg/L	—	—	10-2220	CAPA-10-12789	GELC
03-B-13	7671	21.5	12/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.18	—	—	5.00E-02	mg/L	—	—	10-933	CAPA-10-6099	GELC
03-B-13	7671	21.5	10/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	13	—	—	5.00E-02	mg/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	21.5	08/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	11.2	—	—	5.00E-02	mg/L	—	—	10-4141	CAPA-10-24078	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	16.5	—	—	5.00E-02	mg/L	—	—	10-3343	CAPA-10-17570	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	11.3	—	—	5.00E-02	mg/L	—	—	10-2220	CAPA-10-12788	GELC
03-B-13	7671	21.5	12/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.43	—	—	5.00E-02	mg/L	—	—	10-933	CAPA-10-6101	GELC
03-B-13	7671	21.5	10/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	64.4	—	—	1.00E-01	mg/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	21.5	08/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	82.7	—	—	1.00E-01	mg/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	21.5	06/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	152	—	—	1.00E-01	mg/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	21.5	03/01/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	102	—	—	1.00E-01	mg/L	—	—	10-2220	CAPA-10-12789	GELC
03-B-13	7671	21.5	12/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	24.2	—	—	1.00E-01	mg/L	—	—	10-933	CAPA-10-6099	GELC
03-B-13	7671	21.5	10/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	65.6	—	—	1.00E-01	mg/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	21.5	08/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	81.1	—	—	1.00E-01	mg/L	—	—	10-4141	CAPA-10-24078	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	149	—	—	1.00E-01	mg/L	—	—	10-3343	CAPA-10-17570	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	99.2	—	—	1.00E-01	mg/L	—	—	10-2220	CAPA-10-12788	GELC
03-B-13	7671	21.5	12/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	24.4	—	—	1.00E-01	mg/L	—	—	10-933	CAPA-10-6101	GELC
03-B-13	7671	21.5	10/22/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	425	—	—	1.00E+00	uS/cm	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	21.5	08/12/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	516	—	—	1.00E+00	uS/cm	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	21.5	06/08/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	1010	—	—	1.00E+00	uS/cm	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	21.5	03/01/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	732	—	—	1.00E+00	uS/cm	—	—	10-2220	CAPA-10-12789	GELC
03-B-13	7671	21.5	12/14/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	135	—	—	1.00E+00	uS/cm	—	—	10-933	CAPA-10-6099	GELC
03-B-13	7671	21.5	10/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.7	—	—	1.00E-01	mg/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	21.5	08/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	11.6	—	—	1.00E-01	mg/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	21.5	06/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	27.2	—	—	1.00E-01	mg/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	21.5	03/01/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	18.6	—	—	1.00E-01	mg/L	—	—	10-2220	CAPA-10-12789	GELC
03-B-13	7671	21.5	12/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.13	—	—	1.00E-01	mg/L	—	—	10-933	CAPA-10-6099	GELC
03-B-13	7671	21.5	10/22/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	428	—	—	4.80E+00	mg/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	21.5	08/12/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	376	—	—	2.40E+00	mg/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	21.5	06/08/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	548	—	—	2.40E+00	mg/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	21.5	03/01/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	382	—	—	2.40E+00	mg/L	—	—	10-2220	CAPA-10-12789	GELC
03-B-13	7671	21.5	12/14/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	120	—	—	2.40E+00	mg/L	—	—	10-933	CAPA-10-6099	GELC
03-B-13	7671	21.5	10/22/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.567	—	—	3.30E-02	mg/L	—	J+	11-247	CAPA-10-26927	GELC
03-B-13	7671	21.5	08/12/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.708	—	—	3.30E-02	mg/L	—	J	10-4141	CAPA-10-24078	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	U	10-3343	CAPA-10-17570	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.045	—	—	3.30E-02	mg/L	J	J-	10-2219	CAPA-10-12788	GELC
03-B-13	7671	21.5	12/14/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.284	—	—	3.30E-02	mg/L	—	—	10-932	CAPA-10-6101	GELC
03-B-13	7671	21.5	10/22/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	30.4	—	—	3.30E+00	mg/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	21.5	08/12/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	10.3	—	—	6.60E-01	mg/L	—	—	10-4141	CAPA-10-24078	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	10.5	—	—	3.30E-01	mg/L	—	—	10-3343	CAPA-10-17570	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.57	—	—	3.30E-01	mg/L	—	—	10-2219	CAPA-10-12788	GELC
03-B-13	7671	21.5	12/14/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.81	—	—	3.30E-01	mg/L	—	—	10-932	CAPA-10-6101	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
03-B-13	7671	21.5	10/22/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.36	—	—	1.00E-02	SU	H	J-	11-247	CAPA-10-26928	GELC
03-B-13	7671	21.5	08/12/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.61	—	—	1.00E-02	SU	H	J-	10-4141	CAPA-10-24080	GELC
03-B-13	7671	21.5	06/08/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.72	—	—	1.00E-02	SU	H	J-	10-3343	CAPA-10-17568	GELC
03-B-13	7671	21.5	03/01/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.21	—	—	1.00E-02	SU	H	J-	10-2220	CAPA-10-12789	GELC
03-B-13	7671	21.5	12/14/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.2	—	—	1.00E-02	SU	H	J-	10-933	CAPA-10-6099	GELC
03-B-13	7671	21.5	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	9620	—	—	6.80E+01	ug/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	21.5	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	1120	—	—	6.80E+01	ug/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	21.5	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	2720	—	—	6.80E+01	ug/L	E	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	21.5	03/01/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	618	—	—	6.80E+01	ug/L	—	—	10-2220	CAPA-10-12789	GELC
03-B-13	7671	21.5	12/14/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	3870	—	—	6.80E+01	ug/L	—	—	10-933	CAPA-10-6099	GELC
03-B-13	7671	21.5	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	27100	—	—	6.80E+01	ug/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	21.5	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1580	—	—	6.80E+01	ug/L	—	—	10-4141	CAPA-10-24078	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	3150	—	—	6.80E+01	ug/L	E	—	10-3343	CAPA-10-17570	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1540	—	—	6.80E+01	ug/L	—	—	10-2220	CAPA-10-12788	GELC
03-B-13	7671	21.5	12/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	13100	—	—	6.80E+01	ug/L	—	—	10-933	CAPA-10-6101	GELC
03-B-13	7671	21.5	08/12/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-4141	CAPA-10-24080	GELC
03-B-13	7671	21.5	06/08/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-3343	CAPA-10-17568	GELC
03-B-13	7671	21.5	03/01/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-2220	CAPA-10-12789	GELC
03-B-13	7671	21.5	12/14/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-933	CAPA-10-6099	GELC
03-B-13	7671	21.5	10/22/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	1.62	—	—	1.50E+00	ug/L	J	J	11-247	CAPA-10-26927	GELC
03-B-13	7671	21.5	08/12/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-4141	CAPA-10-24078	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-3343	CAPA-10-17570	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-2220	CAPA-10-12788	GELC
03-B-13	7671	21.5	12/14/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-933	CAPA-10-6101	GELC
03-B-13	7671	21.5	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	92.1	—	—	1.00E+00	ug/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	21.5	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	95.1	—	—	1.00E+00	ug/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	21.5	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	171	—	—	1.00E+00	ug/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	21.5	03/01/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	127	—	—	1.00E+00	ug/L	—	—	10-2220	CAPA-10-12789	GELC
03-B-13	7671	21.5	12/14/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	25.9	—	—	1.00E+00	ug/L	—	—	10-933	CAPA-10-6099	GELC
03-B-13	7671	21.5	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	203	—	—	1.00E+00	ug/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	21.5	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	104	—	—	1.00E+00	ug/L	—	—	10-4141	CAPA-10-24078	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	176	—	—	1.00E+00	ug/L	—	—	10-3343	CAPA-10-17570	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	130	—	—	1.00E+00	ug/L	—	—	10-2220	CAPA-10-12788	GELC
03-B-13	7671	21.5	12/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	54.9	—	—	1.00E+00	ug/L	—	—	10-933	CAPA-10-6101	GELC
03-B-13	7671	21.5	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Beryllium	<	5	—	—	1.00E+00	ug/L	U	U	10-4141	CAPA-10-24080	GELC
03-B-13	7671	21.5	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Beryllium	<	5	—	—	1.00E+00	ug/L	U	U	10-3343	CAPA-10-17568	GELC
03-B-13	7671	21.5	03/01/10	WG	F	CS	—	Metals	SW-846:6010B	Beryllium	<	5	—	—	1.00E+00	ug/L	U	U	10-2220	CAPA-10-12789	GELC
03-B-13	7671	21.5	12/14/09	WG	F	CS	—	Metals	SW-846:6010B	Beryllium	<	5	—	—	1.00E+00	ug/L	U	U	10-933	CAPA-10-6099	GELC
03-B-13	7671	21.5	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Beryllium	—	2.61	—	—	1.00E+00	ug/L	J	J	11-247	CAPA-10-26927	GELC
03-B-13	7671	21.5	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Beryllium	<	5	—	—	1.00E+00	ug/L	U	U	10-4141	CAPA-10-24078	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Beryllium	<	5	—	—	1.00E+00	ug/L	U	U	10-3343	CAPA-10-17570	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Beryllium	<	5	—	—	1.00E+00	ug/L	U	U	10-2220	CAPA-10-12788	GELC
03-B-13	7671	21.5	12/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Beryllium	<	5	—	—	1.00E+00	ug/L	U	U	10-933	CAPA-10-6101	GELC
03-B-13	7671	21.5	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	54.9	—	—	1.50E+01	ug/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	21.5	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	44.9	—	—	1.50E+01	ug/L	J	J	10-4141	CAPA-10-24080	GELC
03-B-13	7671	21.5	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	42.3	—	—	1.50E+01	ug/L	J	J	10-3343	CAPA-10-17568	GELC
03-B-13	7671	21.5	03/01/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	39.1	—	—	1.50E+01	ug/L	J	J	10-2220	CAPA-10-12789	GELC
03-B-13	7671	21.5	12/14/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	31.5	—	—	1.50E+01	ug/L	J	U	10-933	CAPA-10-6099	GELC
03-B-13	7671	21.5	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	59	—	—	1.50E+01	ug/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	21.5	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	43.8	—	—	1.50E+01	ug/L	J	J	10-4141	CAPA-10-24078	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
03-B-13	7671	21.5	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	42	—	—	1.50E+01	ug/L	J	J	10-3343	CAPA-10-17570	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	41.1	—	—	1.50E+01	ug/L	J	J	10-2220	CAPA-10-12788	GELC
03-B-13	7671	21.5	12/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	34.1	—	—	1.50E+01	ug/L	J	U	10-933	CAPA-10-6101	GELC
03-B-13	7671	21.5	10/22/10	WG	F	CS	—	Metals	SW-846:6020	Cadmium	—	0.117	—	—	1.10E-01	ug/L	J	J	11-247	CAPA-10-26928	GELC
03-B-13	7671	21.5	08/12/10	WG	F	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	1.10E-01	ug/L	U	U	10-4141	CAPA-10-24080	GELC
03-B-13	7671	21.5	06/08/10	WG	F	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	1.10E-01	ug/L	U	U	10-3343	CAPA-10-17568	GELC
03-B-13	7671	21.5	03/01/10	WG	F	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	1.10E-01	ug/L	U	U	10-2220	CAPA-10-12789	GELC
03-B-13	7671	21.5	12/14/09	WG	F	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	1.10E-01	ug/L	U	U	10-933	CAPA-10-6099	GELC
03-B-13	7671	21.5	10/22/10	WG	UF	CS	—	Metals	SW-846:6020	Cadmium	—	0.255	—	—	1.10E-01	ug/L	J	J	11-247	CAPA-10-26927	GELC
03-B-13	7671	21.5	08/12/10	WG	UF	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	1.10E-01	ug/L	U	U	10-4141	CAPA-10-24078	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	1.10E-01	ug/L	U	U	10-3343	CAPA-10-17570	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	1.10E-01	ug/L	U	U	10-2220	CAPA-10-12788	GELC
03-B-13	7671	21.5	12/14/09	WG	UF	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	1.10E-01	ug/L	U	U	10-933	CAPA-10-6101	GELC
03-B-13	7671	21.5	10/22/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.13	—	—	2.50E+00	ug/L	J	J	11-247	CAPA-10-26928	GELC
03-B-13	7671	21.5	08/12/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.93	—	—	2.50E+00	ug/L	J	J	10-4141	CAPA-10-24080	GELC
03-B-13	7671	21.5	06/08/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.66	—	—	2.50E+00	ug/L	J	J	10-3343	CAPA-10-17568	GELC
03-B-13	7671	21.5	03/01/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2220	CAPA-10-12789	GELC
03-B-13	7671	21.5	12/14/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.69	—	—	2.50E+00	ug/L	J	J	10-933	CAPA-10-6099	GELC
03-B-13	7671	21.5	10/22/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	7.54	—	—	2.50E+00	ug/L	J	J	11-247	CAPA-10-26927	GELC
03-B-13	7671	21.5	08/12/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.79	—	—	2.50E+00	ug/L	J	J	10-4141	CAPA-10-24078	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.91	—	—	2.50E+00	ug/L	J	J	10-3343	CAPA-10-17570	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	2.5	—	—	2.50E+00	ug/L	J	U	10-2220	CAPA-10-12788	GELC
03-B-13	7671	21.5	12/14/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	7.01	—	—	2.50E+00	ug/L	J	J	10-933	CAPA-10-6101	GELC
03-B-13	7671	21.5	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	2.47	—	—	1.00E+00	ug/L	J	J	11-247	CAPA-10-26928	GELC
03-B-13	7671	21.5	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	1.25	—	—	1.00E+00	ug/L	J	J	10-4141	CAPA-10-24080	GELC
03-B-13	7671	21.5	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	10-3343	CAPA-10-17568	GELC
03-B-13	7671	21.5	03/01/10	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	10-2220	CAPA-10-12789	GELC
03-B-13	7671	21.5	12/14/09	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	10-933	CAPA-10-6099	GELC
03-B-13	7671	21.5	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	2.07	—	—	1.00E+00	ug/L	J	J	11-247	CAPA-10-26927	GELC
03-B-13	7671	21.5	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	10-4141	CAPA-10-24078	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	10-3343	CAPA-10-17570	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	10-2220	CAPA-10-12788	GELC
03-B-13	7671	21.5	12/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	10-933	CAPA-10-6101	GELC
03-B-13	7671	21.5	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	7.31	—	—	3.00E+00	ug/L	J	J	11-247	CAPA-10-26928	GELC
03-B-13	7671	21.5	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	6.91	—	—	3.00E+00	ug/L	J	J	10-4141	CAPA-10-24080	GELC
03-B-13	7671	21.5	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	10-3343	CAPA-10-17568	GELC
03-B-13	7671	21.5	03/01/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	10-2220	CAPA-10-12789	GELC
03-B-13	7671	21.5	12/14/09	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	3.58	—	—	3.00E+00	ug/L	J	J	10-933	CAPA-10-6099	GELC
03-B-13	7671	21.5	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	14.2	—	—	3.00E+00	ug/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	21.5	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	8.12	—	—	3.00E+00	ug/L	J	J	10-4141	CAPA-10-24078	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	3.87	—	—	3.00E+00	ug/L	J	J	10-3343	CAPA-10-17570	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	10-2220	CAPA-10-12788	GELC
03-B-13	7671	21.5	12/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	8.27	—	—	3.00E+00	ug/L	J	J	10-933	CAPA-10-6101	GELC
03-B-13	7671	21.5	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	5940	—	—	3.00E+01	ug/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	21.5	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	654	—	—	3.00E+01	ug/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	21.5	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	1430	—	—	3.00E+01	ug/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	21.5	03/01/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	277	—	—	3.00E+01	ug/L	—	—	10-2220	CAPA-10-12789	GELC
03-B-13	7671	21.5	12/14/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	2280	—	—	3.00E+01	ug/L	—	—	10-933	CAPA-10-6099	GELC
03-B-13	7671	21.5	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	16900	—	—	3.00E+01	ug/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	21.5	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	887	—	—	3.00E+01	ug/L	—	—	10-4141	CAPA-10-24078	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
03-B-13	7671	21.5	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1670	—	—	3.00E+01	ug/L	—	—	10-3343	CAPA-10-17570	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	785	—	—	3.00E+01	ug/L	—	—	10-2220	CAPA-10-12788	GELC
03-B-13	7671	21.5	12/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	7900	—	—	3.00E+01	ug/L	—	—	10-933	CAPA-10-6101	GELC
03-B-13	7671	21.5	10/22/10	WG	F	CS	—	Metals	SW-846:6020	Lead	—	7.09	—	—	5.00E-01	ug/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	21.5	08/12/10	WG	F	CS	—	Metals	SW-846:6020	Lead	—	4.56	—	—	5.00E-01	ug/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	21.5	06/08/10	WG	F	CS	—	Metals	SW-846:6020	Lead	—	1.87	—	—	5.00E-01	ug/L	J	J	10-3343	CAPA-10-17568	GELC
03-B-13	7671	21.5	03/01/10	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	10-2220	CAPA-10-12789	GELC
03-B-13	7671	21.5	12/14/09	WG	F	CS	—	Metals	SW-846:6020	Lead	—	2.42	—	—	5.00E-01	ug/L	—	—	10-933	CAPA-10-6099	GELC
03-B-13	7671	21.5	10/22/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	21.8	—	—	5.00E-01	ug/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	21.5	08/12/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	6.33	—	—	5.00E-01	ug/L	—	—	10-4141	CAPA-10-24078	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	2.82	—	—	5.00E-01	ug/L	—	—	10-3343	CAPA-10-17570	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1.13	—	—	5.00E-01	ug/L	J	J	10-2220	CAPA-10-12788	GELC
03-B-13	7671	21.5	12/14/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	8.22	—	—	5.00E-01	ug/L	—	—	10-933	CAPA-10-6101	GELC
03-B-13	7671	21.5	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	33.2	—	—	2.00E+00	ug/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	21.5	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	21.5	—	—	2.00E+00	ug/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	21.5	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	32.5	—	—	2.00E+00	ug/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	21.5	03/01/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.59	—	—	2.00E+00	ug/L	J	J	10-2220	CAPA-10-12789	GELC
03-B-13	7671	21.5	12/14/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	12.2	—	—	2.00E+00	ug/L	—	—	10-933	CAPA-10-6099	GELC
03-B-13	7671	21.5	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	92.8	—	—	2.00E+00	ug/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	21.5	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	21.7	—	—	2.00E+00	ug/L	—	—	10-4141	CAPA-10-24078	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	33.4	—	—	2.00E+00	ug/L	—	—	10-3343	CAPA-10-17570	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5.72	—	—	2.00E+00	ug/L	J	J	10-2220	CAPA-10-12788	GELC
03-B-13	7671	21.5	12/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	41.3	—	—	2.00E+00	ug/L	—	—	10-933	CAPA-10-6101	GELC
03-B-13	7671	21.5	10/22/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	7.99	—	—	5.00E-01	ug/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	21.5	08/12/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	4.39	—	—	5.00E-01	ug/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	21.5	06/08/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.76	—	—	5.00E-01	ug/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	21.5	03/01/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.71	—	—	5.00E-01	ug/L	J	J	10-2220	CAPA-10-12789	GELC
03-B-13	7671	21.5	12/14/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.71	—	—	5.00E-01	ug/L	—	—	10-933	CAPA-10-6099	GELC
03-B-13	7671	21.5	10/22/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	9.63	—	—	5.00E-01	ug/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	21.5	08/12/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.49	—	—	5.00E-01	ug/L	—	—	10-4141	CAPA-10-24078	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.07	—	—	5.00E-01	ug/L	—	—	10-3343	CAPA-10-17570	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.93	—	—	5.00E-01	ug/L	J	J	10-2220	CAPA-10-12788	GELC
03-B-13	7671	21.5	12/14/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	5.77	—	—	5.00E-01	ug/L	—	—	10-933	CAPA-10-6101	GELC
03-B-13	7671	21.5	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	51.6	—	—	5.30E-02	mg/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	21.5	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	15.6	—	—	5.30E-02	mg/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	21.5	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	22.3	—	—	5.30E-02	mg/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	21.5	03/01/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	8.38	—	—	5.30E-02	mg/L	—	—	10-2220	CAPA-10-12789	GELC
03-B-13	7671	21.5	12/14/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	24.1	—	—	5.30E-02	mg/L	—	—	10-933	CAPA-10-6099	GELC
03-B-13	7671	21.5	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	53.9	—	—	1.00E+00	ug/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	21.5	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	67.5	—	—	1.00E+00	ug/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	21.5	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	160	—	—	1.00E+00	ug/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	21.5	03/01/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	117	—	—	1.00E+00	ug/L	—	—	10-2220	CAPA-10-12789	GELC
03-B-13	7671	21.5	12/14/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	15.6	—	—	1.00E+00	ug/L	—	—	10-933	CAPA-10-6099	GELC
03-B-13	7671	21.5	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	78.3	—	—	1.00E+00	ug/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	21.5	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	69.1	—	—	1.00E+00	ug/L	—	—	10-4141	CAPA-10-24078	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	158	—	—	1.00E+00	ug/L	—	—	10-3343	CAPA-10-17570	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	120	—	—	1.00E+00	ug/L	—	—	10-2220	CAPA-10-12788	GELC
03-B-13	7671	21.5	12/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	21.7	—	—	1.00E+00	ug/L	—	—	10-933	CAPA-10-6101	GELC
03-B-13	7671	21.5	10/22/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.653	—	—	5.00E-02	ug/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	21.5	08/12/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.607	—	—	5.00E-02	ug/L	—	—	10-4141	CAPA-10-24080	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
03-B-13	7671	21.5	06/08/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.374	—	—	5.00E-02	ug/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	21.5	03/01/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.063	—	—	5.00E-02	ug/L	J	J	10-2220	CAPA-10-12789	GELC
03-B-13	7671	21.5	12/14/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.306	—	—	5.00E-02	ug/L	—	—	10-933	CAPA-10-6099	GELC
03-B-13	7671	21.5	10/22/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.3	—	—	5.00E-02	ug/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	21.5	08/12/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.771	—	—	5.00E-02	ug/L	—	—	10-4141	CAPA-10-24078	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.454	—	—	5.00E-02	ug/L	—	—	10-3343	CAPA-10-17570	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.152	—	—	5.00E-02	ug/L	J	J	10-2220	CAPA-10-12788	GELC
03-B-13	7671	21.5	12/14/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.624	—	—	5.00E-02	ug/L	—	—	10-933	CAPA-10-6101	GELC
03-B-13	7671	21.5	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.57	—	—	1.00E+00	ug/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	21.5	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.9	—	—	1.00E+00	ug/L	J	J	10-4141	CAPA-10-24080	GELC
03-B-13	7671	21.5	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.77	—	—	1.00E+00	ug/L	J	J	10-3343	CAPA-10-17568	GELC
03-B-13	7671	21.5	03/01/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	1.48	—	—	1.00E+00	ug/L	J	U	10-2220	CAPA-10-12789	GELC
03-B-13	7671	21.5	12/14/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.28	—	—	1.00E+00	ug/L	J	J	10-933	CAPA-10-6099	GELC
03-B-13	7671	21.5	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	22	—	—	1.00E+00	ug/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	21.5	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.53	—	—	1.00E+00	ug/L	J	J	10-4141	CAPA-10-24078	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.31	—	—	1.00E+00	ug/L	J	J	10-3343	CAPA-10-17570	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	2.35	—	—	1.00E+00	ug/L	J	U	10-2220	CAPA-10-12788	GELC
03-B-13	7671	21.5	12/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.1	—	—	1.00E+00	ug/L	—	—	10-933	CAPA-10-6101	GELC
03-B-13	7671	21.5	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	47.6	—	—	3.30E+00	ug/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	21.5	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	14.5	—	—	3.30E+00	ug/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	21.5	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	34.9	—	—	3.30E+00	ug/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	21.5	03/01/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	32.6	—	—	3.30E+00	ug/L	—	—	10-2220	CAPA-10-12789	GELC
03-B-13	7671	21.5	12/14/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	24.7	—	—	3.30E+00	ug/L	—	—	10-933	CAPA-10-6099	GELC
03-B-13	7671	21.5	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	87.1	—	—	3.30E+00	ug/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	21.5	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	18.9	—	—	3.30E+00	ug/L	—	—	10-4141	CAPA-10-24078	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	44	—	—	3.30E+00	ug/L	—	—	10-3343	CAPA-10-17570	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	36.8	—	—	3.30E+00	ug/L	—	—	10-2220	CAPA-10-12788	GELC
03-B-13	7671	21.5	12/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	66.9	—	—	3.30E+00	ug/L	—	—	10-933	CAPA-10-6101	GELC
03-B-13	7671	21.5	10/22/10	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	156	1.97E+01	1.80E+02	—	pCi/L	U	U	11-247	CAPA-10-26927	GELC
03-B-13	7671	21.5	08/12/10	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	207	1.50E+01	1.10E+02	—	pCi/L	—	—	10-4140	CAPA-10-24078	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	1300	5.00E+01	1.80E+02	—	pCi/L	—	—	10-3342	CAPA-10-17570	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	26.1	1.73E+01	1.80E+02	—	pCi/L	U	U	10-2220	CAPA-10-12788	GELC
03-B-13	7671	21.5	12/14/09	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	162	1.90E+01	1.80E+02	—	pCi/L	U	U	10-933	CAPA-10-6101	GELC
03-B-13	7671	21.5	10/22/10	WG	UF	CS	—	SVOA	SW-846:8270C	Dioxane[1,4-]	—	64.9	—	—	2.00E+00	ug/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	21.5	08/12/10	WG	UF	CS	—	SVOA	SW-846:8270C	Dioxane[1,4-]	—	24.5	—	—	2.10E+00	ug/L	—	—	10-4140	CAPA-10-24078	GELC
03-B-13	7671	21.5	08/12/10	WG	UF	RE	—	SVOA	SW-846:8270C	Dioxane[1,4-]	—	20.4	—	—	2.00E+00	ug/L	—	J	10-4140	CAPA-10-24078	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	CS	—	SVOA	SW-846:8270C	Dioxane[1,4-]	—	919	—	—	4.20E+01	ug/L	—	—	10-3342	CAPA-10-17570	GELC
03-B-13	7671	21.5	08/12/10	WG	UF	CS	—	SVOA	SW-846:8270C	Naphthalene	<	1.04	—	—	3.10E-01	ug/L	U	U	10-4140	CAPA-10-24078	GELC
03-B-13	7671	21.5	08/12/10	WG	UF	RE	—	SVOA	SW-846:8270C	Naphthalene	<	1	—	—	3.00E-01	ug/L	U	UJ	10-4140	CAPA-10-24078	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	CS	—	SVOA	SW-846:8270C	Naphthalene	<	21.1	—	—	6.30E+00	ug/L	U	U	10-3342	CAPA-10-17570	GELC
03-B-13	7671	21.5	10/22/10	WG	UF	CS	—	VOA	SW-846:8260B	Chloroform	—	0.67	—	—	2.50E-01	ug/L	J	J	11-247	CAPA-10-26927	GELC
03-B-13	7671	21.5	10/22/10	WG	UF	DL	—	VOA	SW-846:8260B	Chloroform	—	0.74	—	—	5.00E-01	ug/L	HJ	J	11-247	CAPA-10-26927	GELC
03-B-13	7671	21.5	08/12/10	WG	UF	CS	—	VOA	SW-846:8260B	Chloroform	—	0.43	—	—	2.50E-01	ug/L	J	J	10-4140	CAPA-10-24078	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	CS	—	VOA	SW-846:8260B	Chloroform	—	0.77	—	—	2.50E-01	ug/L	—	J	10-3342	CAPA-10-17570	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	DL	—	VOA	SW-846:8260B	Chloroform	—	0.86	—	—	5.00E-01	ug/L	J	J	10-3342	CAPA-10-17570	GELC
03-B-13	7671	21.5	10/22/10	WG	UF	CS	—	VOA	SW-846:8260B	Dichloroethane[1,1-]	—	1.95	—	—	3.00E-01	ug/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	21.5	10/22/10	WG	UF	DL	—	VOA	SW-846:8260B	Dichloroethane[1,1-]	—	2.04	—	—	6.00E-01	ug/L	H	J	11-247	CAPA-10-26927	GELC
03-B-13	7671	21.5	08/12/10	WG	UF	CS	—	VOA	SW-846:8260B	Dichloroethane[1,1-]	—	1.3	—	—	3.00E-01	ug/L	—	—	10-4140	CAPA-10-24078	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	CS	—	VOA	SW-846:8260B	Dichloroethane[1,1-]	—	4.13	—	—	3.00E-01	ug/L	—	—	10-3342	CAPA-10-17570	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	DL	—	VOA	SW-846:8260B	Dichloroethane[1,1-]	—	4.3	—	—	6.00E-01	ug/L	—	J	10-3342	CAPA-10-17570	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
03-B-13	7671	21.5	10/22/10	WG	UF	CS	—	VOA	SW-846:8260B	Dichloroethene[1,1-]	—	12.7	—	—	3.00E-01	ug/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	21.5	10/22/10	WG	UF	DL	—	VOA	SW-846:8260B	Dichloroethene[1,1-]	—	13.9	—	—	6.00E-01	ug/L	H	J	11-247	CAPA-10-26927	GELC
03-B-13	7671	21.5	08/12/10	WG	UF	CS	—	VOA	SW-846:8260B	Dichloroethene[1,1-]	—	3.38	—	—	3.00E-01	ug/L	—	—	10-4140	CAPA-10-24078	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	CS	—	VOA	SW-846:8260B	Dichloroethene[1,1-]	—	5.02	—	—	3.00E-01	ug/L	—	—	10-3342	CAPA-10-17570	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	DL	—	VOA	SW-846:8260B	Dichloroethene[1,1-]	—	5.9	—	—	6.00E-01	ug/L	—	J	10-3342	CAPA-10-17570	GELC
03-B-13	7671	21.5	10/22/10	WG	UF	DL	—	VOA	SW-846:8260B	Naphthalene	—	1.72	—	—	5.00E-01	ug/L	BJ	J	11-247	CAPA-10-26927	GELC
03-B-13	7671	21.5	08/12/10	WG	UF	CS	—	VOA	SW-846:8260B	Naphthalene	<	1	—	—	2.50E-01	ug/L	U	U	10-4140	CAPA-10-24078	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	CS	—	VOA	SW-846:8260B	Naphthalene	<	1	—	—	2.50E-01	ug/L	—	U	10-3342	CAPA-10-17570	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	DL	—	VOA	SW-846:8260B	Naphthalene	<	2	—	—	5.00E-01	ug/L	U	UJ	10-3342	CAPA-10-17570	GELC
03-B-13	7671	21.5	10/22/10	WG	UF	DL	—	VOA	SW-846:8260B	Trichloroethane[1,1,1-]	—	109	—	—	6.50E-01	ug/L	H	J-	11-247	CAPA-10-26927	GELC
03-B-13	7671	21.5	08/12/10	WG	UF	CS	—	VOA	SW-846:8260B	Trichloroethane[1,1,1-]	—	62.9	—	—	3.30E-01	ug/L	—	—	10-4140	CAPA-10-24078	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	CS	—	VOA	SW-846:8260B	Trichloroethane[1,1,1-]	<	161	—	—	3.30E-01	ug/L	E	R	10-3342	CAPA-10-17570	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	DL	—	VOA	SW-846:8260B	Trichloroethane[1,1,1-]	—	176	—	—	6.50E-01	ug/L	—	—	10-3342	CAPA-10-17570	GELC
03-B-13	7671	21.5	10/22/10	WG	UF	CS	—	VOA	SW-846:8260B	Trichloroethene	—	1.62	—	—	2.50E-01	ug/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	21.5	10/22/10	WG	UF	DL	—	VOA	SW-846:8260B	Trichloroethene	—	1.64	—	—	5.00E-01	ug/L	HJ	J	11-247	CAPA-10-26927	GELC
03-B-13	7671	21.5	08/12/10	WG	UF	CS	—	VOA	SW-846:8260B	Trichloroethene	—	0.83	—	—	2.50E-01	ug/L	J	J	10-4140	CAPA-10-24078	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	CS	—	VOA	SW-846:8260B	Trichloroethene	—	1.46	—	—	2.50E-01	ug/L	—	—	10-3342	CAPA-10-17570	GELC
03-B-13	7671	21.5	06/08/10	WG	UF	DL	—	VOA	SW-846:8260B	Trichloroethene	—	1.56	—	—	5.00E-01	ug/L	J	J	10-3342	CAPA-10-17570	GELC
3MAO-2	8471	14.7	10/21/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	51.1	—	—	7.30E-01	mg/L	—	—	11-237	CAPA-10-26888	GELC
3MAO-2	8471	14.7	06/07/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	37.3	—	—	7.30E-01	mg/L	—	—	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	14.7	12/16/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	34.4	—	—	7.30E-01	mg/L	—	—	10-973	CAPA-10-6765	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	40	—	—	7.30E-01	mg/L	—	—	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	35.8	—	—	7.30E-01	mg/L	—	—	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	10/21/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.024	—	—	1.60E-02	mg/L	J	J-	11-237	CAPA-10-26888	GELC
3MAO-2	8471	14.7	06/07/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.056	—	—	1.60E-02	mg/L	—	U	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	14.7	12/16/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.02	—	—	1.60E-02	mg/L	J	U	10-973	CAPA-10-6765	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	UJ	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	UJ	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	10/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.4	—	—	5.00E-02	mg/L	—	—	11-237	CAPA-10-26888	GELC
3MAO-2	8471	14.7	06/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.5	—	—	5.00E-02	mg/L	—	—	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	14.7	12/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.2	—	—	5.00E-02	mg/L	—	—	10-973	CAPA-10-6765	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.6	—	—	3.00E-02	mg/L	—	—	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.8	—	—	3.00E-02	mg/L	—	—	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	10/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.5	—	—	5.00E-02	mg/L	—	—	11-237	CAPA-10-26889	GELC
3MAO-2	8471	14.7	06/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14	—	—	5.00E-02	mg/L	—	—	10-3333	CAPA-10-17746	GELC
3MAO-2	8471	14.7	12/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.6	—	—	5.00E-02	mg/L	—	—	10-973	CAPA-10-6767	GELC
3MAO-2	8471	14.7	06/04/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.3	—	—	3.00E-02	mg/L	—	—	09-2195	CAPA-09-9401	GELC
3MAO-2	8471	14.7	03/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.5	—	—	3.00E-02	mg/L	—	—	09-1072	CAPA-09-4397	GELC
3MAO-2	8471	14.7	10/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	24.5	—	—	6.60E-01	mg/L	—	—	11-237	CAPA-10-26888	GELC
3MAO-2	8471	14.7	06/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	21	—	—	3.30E-01	mg/L	—	J	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	14.7	12/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	17.8	—	—	6.60E-02	mg/L	—	J+	10-973	CAPA-10-6765	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	17.1	—	—	6.60E-02	mg/L	—	—	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	17	—	—	6.60E-02	mg/L	—	—	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	10/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.156	—	—	3.30E-02	mg/L	—	—	11-237	CAPA-10-26888	GELC
3MAO-2	8471	14.7	06/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.118	—	—	3.30E-02	mg/L	—	—	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	14.7	12/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.284	—	—	3.30E-02	mg/L	—	—	10-973	CAPA-10-6765	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.145	—	—	3.30E-02	mg/L	—	—	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.145	—	—	3.30E-02	mg/L	—	—	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	10/21/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	63.5	—	—	3.50E-01	mg/L	—	—	11-237	CAPA-10-26888	GELC
3MAO-2	8471	14.7	06/07/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	52.9	—	—	3.50E-01	mg/L	—	—	10-3333	CAPA-10-17747	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
3MAO-2	8471	14.7	12/16/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	51.5	—	—	3.50E-01	mg/L	—	—	10-973	CAPA-10-6765	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	52.7	—	—	3.50E-01	mg/L	—	—	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	47.2	—	—	1.80E+00	mg/L	—	—	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	10/21/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	67.8	—	—	3.50E-01	mg/L	—	—	11-237	CAPA-10-26889	GELC
3MAO-2	8471	14.7	06/07/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	55	—	—	3.50E-01	mg/L	—	—	10-3333	CAPA-10-17746	GELC
3MAO-2	8471	14.7	12/16/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	49.5	—	—	3.50E-01	mg/L	—	—	10-973	CAPA-10-6767	GELC
3MAO-2	8471	14.7	06/04/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	52.8	—	—	3.50E-01	mg/L	—	—	09-2195	CAPA-09-9401	GELC
3MAO-2	8471	14.7	03/03/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	56.8	—	—	1.80E+00	mg/L	—	—	09-1072	CAPA-09-4397	GELC
3MAO-2	8471	14.7	10/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.47	—	—	8.50E-02	mg/L	—	—	11-237	CAPA-10-26888	GELC
3MAO-2	8471	14.7	06/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.68	—	—	8.50E-02	mg/L	—	—	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	14.7	12/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.5	—	—	8.50E-02	mg/L	—	—	10-973	CAPA-10-6765	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.52	—	—	8.50E-02	mg/L	—	—	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.16	—	—	8.50E-02	mg/L	—	—	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	10/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.83	—	—	8.50E-02	mg/L	—	—	11-237	CAPA-10-26889	GELC
3MAO-2	8471	14.7	06/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.85	—	—	8.50E-02	mg/L	—	—	10-3333	CAPA-10-17746	GELC
3MAO-2	8471	14.7	12/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.38	—	—	8.50E-02	mg/L	—	—	10-973	CAPA-10-6767	GELC
3MAO-2	8471	14.7	06/04/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.76	—	—	8.50E-02	mg/L	—	—	09-2195	CAPA-09-9401	GELC
3MAO-2	8471	14.7	03/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.3	—	—	8.50E-02	mg/L	—	—	09-1072	CAPA-09-4397	GELC
3MAO-2	8471	14.7	10/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.14	—	—	5.00E-02	mg/L	—	—	11-237	CAPA-10-26888	GELC
3MAO-2	8471	14.7	06/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.85	—	—	5.00E-02	mg/L	—	—	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	14.7	12/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.23	—	—	5.00E-02	mg/L	—	—	10-973	CAPA-10-6765	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.91	—	—	5.00E-02	mg/L	—	—	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.46	—	—	5.00E-02	mg/L	—	J	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	10/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.32	—	—	5.00E-02	mg/L	—	—	11-237	CAPA-10-26889	GELC
3MAO-2	8471	14.7	06/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.04	—	—	5.00E-02	mg/L	—	—	10-3333	CAPA-10-17746	GELC
3MAO-2	8471	14.7	12/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.09	—	—	5.00E-02	mg/L	—	—	10-973	CAPA-10-6767	GELC
3MAO-2	8471	14.7	06/04/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.58	—	—	5.00E-02	mg/L	—	—	09-2195	CAPA-09-9401	GELC
3MAO-2	8471	14.7	03/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.54	—	—	5.00E-02	mg/L	—	J	09-1072	CAPA-09-4397	GELC
3MAO-2	8471	14.7	10/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.3	—	—	1.00E-01	mg/L	—	—	11-237	CAPA-10-26888	GELC
3MAO-2	8471	14.7	06/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.6	—	—	1.00E-01	mg/L	—	—	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	14.7	12/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.4	—	—	1.00E-01	mg/L	—	—	10-973	CAPA-10-6765	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.7	—	—	4.50E-02	mg/L	—	—	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.9	—	—	4.50E-02	mg/L	—	—	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	10/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.8	—	—	1.00E-01	mg/L	—	—	11-237	CAPA-10-26889	GELC
3MAO-2	8471	14.7	06/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.9	—	—	1.00E-01	mg/L	—	—	10-3333	CAPA-10-17746	GELC
3MAO-2	8471	14.7	12/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.1	—	—	1.00E-01	mg/L	—	—	10-973	CAPA-10-6767	GELC
3MAO-2	8471	14.7	06/04/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15	—	—	4.50E-02	mg/L	—	—	09-2195	CAPA-09-9401	GELC
3MAO-2	8471	14.7	03/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.5	—	—	4.50E-02	mg/L	—	—	09-1072	CAPA-09-4397	GELC
3MAO-2	8471	14.7	10/21/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	226	—	—	1.00E+00	uS/cm	—	—	11-237	CAPA-10-26888	GELC
3MAO-2	8471	14.7	06/07/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	206	—	—	1.00E+00	uS/cm	—	—	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	14.7	12/16/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	178	—	—	1.00E+00	uS/cm	—	—	10-973	CAPA-10-6765	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	180	—	—	1.00E+00	uS/cm	—	—	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	171	—	—	1.00E+00	uS/cm	—	—	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	10/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12.4	—	—	1.00E-01	mg/L	—	—	11-237	CAPA-10-26888	GELC
3MAO-2	8471	14.7	06/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	17.1	—	—	1.00E-01	mg/L	—	—	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	14.7	12/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	19.5	—	—	1.00E-01	mg/L	—	—	10-973	CAPA-10-6765	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	16.4	—	—	1.00E-01	mg/L	—	—	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	14.6	—	—	1.00E-01	mg/L	—	J-	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	10/21/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	158	—	—	2.40E+00	mg/L	—	—	11-237	CAPA-10-26888	GELC
3MAO-2	8471	14.7	06/07/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	142	—	—	2.40E+00	mg/L	—	—	10-3333	CAPA-10-17747	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
3MAO-2	8471	14.7	12/16/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	2.40E+00	mg/L	—	—	10-973	CAPA-10-6765	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	137	—	—	2.40E+00	mg/L	—	J	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	143	—	—	2.40E+00	mg/L	H	J-	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	10/21/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.107	—	—	3.30E-02	mg/L	—	—	11-237	CAPA-10-26889	GELC
3MAO-2	8471	14.7	06/07/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	UJ	10-3333	CAPA-10-17746	GELC
3MAO-2	8471	14.7	12/16/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	UJ	10-973	CAPA-10-6767	GELC
3MAO-2	8471	14.7	06/04/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.081	—	—	3.30E-02	mg/L	J	J	09-2195	CAPA-09-9401	GELC
3MAO-2	8471	14.7	03/03/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.105	—	—	2.90E-02	mg/L	—	—	09-1071	CAPA-09-4397	GELC
3MAO-2	8471	14.7	10/21/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.56	—	—	3.30E-01	mg/L	—	—	11-237	CAPA-10-26889	GELC
3MAO-2	8471	14.7	06/07/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.21	—	—	3.30E-01	mg/L	—	—	10-3333	CAPA-10-17746	GELC
3MAO-2	8471	14.7	12/16/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.7	—	—	3.30E-01	mg/L	—	—	10-973	CAPA-10-6767	GELC
3MAO-2	8471	14.7	06/04/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	2.32	—	—	3.30E-01	mg/L	—	U	09-2195	CAPA-09-9401	GELC
3MAO-2	8471	14.7	03/03/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.54	—	—	3.30E-01	mg/L	—	—	09-1071	CAPA-09-4397	GELC
3MAO-2	8471	14.7	10/21/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.75	—	—	1.00E-02	SU	H	J-	11-237	CAPA-10-26888	GELC
3MAO-2	8471	14.7	06/07/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.75	—	—	1.00E-02	SU	H	J-	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	14.7	12/16/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.59	—	—	1.00E-02	SU	H	J-	10-973	CAPA-10-6765	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.46	—	—	1.00E-02	SU	H	J-	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.47	—	—	1.00E-02	SU	H	J-	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	101	—	—	6.80E+01	ug/L	J	J	11-237	CAPA-10-26888	GELC
3MAO-2	8471	14.7	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	278	—	—	6.80E+01	ug/L	—	—	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	14.7	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-973	CAPA-10-6765	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	106	—	—	6.80E+01	ug/L	J	J	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	223	—	—	6.80E+01	ug/L	—	—	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	149	—	—	6.80E+01	ug/L	J	J	11-237	CAPA-10-26889	GELC
3MAO-2	8471	14.7	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	589	—	—	6.80E+01	ug/L	—	—	10-3333	CAPA-10-17746	GELC
3MAO-2	8471	14.7	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	287	—	—	6.80E+01	ug/L	—	—	10-973	CAPA-10-6767	GELC
3MAO-2	8471	14.7	06/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	3000	—	—	6.80E+01	ug/L	—	—	09-2195	CAPA-09-9401	GELC
3MAO-2	8471	14.7	03/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	6610	—	—	6.80E+01	ug/L	—	—	09-1072	CAPA-09-4397	GELC
3MAO-2	8471	14.7	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	99.2	—	—	1.00E+00	ug/L	—	—	11-237	CAPA-10-26888	GELC
3MAO-2	8471	14.7	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	79.2	—	—	1.00E+00	ug/L	—	—	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	14.7	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	80.2	—	—	1.00E+00	ug/L	—	—	10-973	CAPA-10-6765	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	78.6	—	—	1.00E+00	ug/L	—	—	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	67.7	—	—	1.00E+00	ug/L	—	—	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	105	—	—	1.00E+00	ug/L	—	—	11-237	CAPA-10-26889	GELC
3MAO-2	8471	14.7	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	99.4	—	—	1.00E+00	ug/L	—	—	10-3333	CAPA-10-17746	GELC
3MAO-2	8471	14.7	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	88.7	—	—	1.00E+00	ug/L	—	—	10-973	CAPA-10-6767	GELC
3MAO-2	8471	14.7	06/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	91.8	—	—	1.00E+00	ug/L	—	—	09-2195	CAPA-09-9401	GELC
3MAO-2	8471	14.7	03/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	105	—	—	1.00E+00	ug/L	—	—	09-1072	CAPA-09-4397	GELC
3MAO-2	8471	14.7	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	22.3	—	—	1.50E+01	ug/L	J	J	11-237	CAPA-10-26888	GELC
3MAO-2	8471	14.7	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.4	—	—	1.50E+01	ug/L	J	J	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	14.7	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-973	CAPA-10-6765	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	25.7	—	—	1.00E+01	ug/L	J	U	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	14.5	—	—	1.00E+01	ug/L	J	J	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	22.1	—	—	1.50E+01	ug/L	J	J	11-237	CAPA-10-26889	GELC
3MAO-2	8471	14.7	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-3333	CAPA-10-17746	GELC
3MAO-2	8471	14.7	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-973	CAPA-10-6767	GELC
3MAO-2	8471	14.7	06/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	17.3	—	—	1.00E+01	ug/L	J	J	09-2195	CAPA-09-9401	GELC
3MAO-2	8471	14.7	03/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.3	—	—	1.00E+01	ug/L	J	J	09-1072	CAPA-09-4397	GELC
3MAO-2	8471	14.7	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	34.8	—	—	3.00E+01	ug/L	J	J	11-237	CAPA-10-26888	GELC
3MAO-2	8471	14.7	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	139	—	—	3.00E+01	ug/L	—	—	10-3333	CAPA-10-17747	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
3MAO-2	8471	14.7	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-973	CAPA-10-6765	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	42.5	—	—	2.50E+01	ug/L	J	J	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	106	—	—	2.50E+01	ug/L	—	—	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	48.7	—	—	3.00E+01	ug/L	J	J	11-237	CAPA-10-26889	GELC
3MAO-2	8471	14.7	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	321	—	—	3.00E+01	ug/L	—	—	10-3333	CAPA-10-17746	GELC
3MAO-2	8471	14.7	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	117	—	—	3.00E+01	ug/L	—	—	10-973	CAPA-10-6767	GELC
3MAO-2	8471	14.7	06/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1420	—	—	2.50E+01	ug/L	—	—	09-2195	CAPA-09-9401	GELC
3MAO-2	8471	14.7	03/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	3520	—	—	2.50E+01	ug/L	—	—	09-1072	CAPA-09-4397	GELC
3MAO-2	8471	14.7	10/21/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.37	—	—	5.00E-01	ug/L	J	J	11-237	CAPA-10-26888	GELC
3MAO-2	8471	14.7	06/07/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	5.00E-01	ug/L	J	J	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	14.7	12/16/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.937	—	—	5.00E-01	ug/L	J	J	10-973	CAPA-10-6765	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.26	—	—	5.00E-01	ug/L	J	J	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1	—	—	5.00E-01	ug/L	J	J	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	10/21/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.32	—	—	5.00E-01	ug/L	J	J	11-237	CAPA-10-26889	GELC
3MAO-2	8471	14.7	06/07/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.03	—	—	5.00E-01	ug/L	—	—	10-3333	CAPA-10-17746	GELC
3MAO-2	8471	14.7	12/16/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.21	—	—	5.00E-01	ug/L	J	J	10-973	CAPA-10-6767	GELC
3MAO-2	8471	14.7	06/04/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.84	—	—	5.00E-01	ug/L	J	J	09-2195	CAPA-09-9401	GELC
3MAO-2	8471	14.7	03/03/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.3	—	—	5.00E-01	ug/L	—	—	09-1072	CAPA-09-4397	GELC
3MAO-2	8471	14.7	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	36.9	—	—	5.30E-02	mg/L	—	—	11-237	CAPA-10-26888	GELC
3MAO-2	8471	14.7	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	38.1	—	—	5.30E-02	mg/L	—	—	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	14.7	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	47.3	—	—	5.30E-02	mg/L	—	—	10-973	CAPA-10-6765	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	42.1	—	—	3.20E-02	mg/L	—	—	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	33.8	—	—	3.20E-02	mg/L	—	—	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	06/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	52.8	—	—	3.20E-02	mg/L	—	—	09-2195	CAPA-09-9401	GELC
3MAO-2	8471	14.7	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	114	—	—	1.00E+00	ug/L	—	—	11-237	CAPA-10-26888	GELC
3MAO-2	8471	14.7	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	94.4	—	—	1.00E+00	ug/L	—	—	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	14.7	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	95.8	—	—	1.00E+00	ug/L	—	—	10-973	CAPA-10-6765	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	86.7	—	—	1.00E+00	ug/L	—	—	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	79.5	—	—	1.00E+00	ug/L	—	—	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	120	—	—	1.00E+00	ug/L	—	—	11-237	CAPA-10-26889	GELC
3MAO-2	8471	14.7	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	98.4	—	—	1.00E+00	ug/L	—	—	10-3333	CAPA-10-17746	GELC
3MAO-2	8471	14.7	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	90	—	—	1.00E+00	ug/L	—	—	10-973	CAPA-10-6767	GELC
3MAO-2	8471	14.7	06/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	91.7	—	—	1.00E+00	ug/L	—	—	09-2195	CAPA-09-9401	GELC
3MAO-2	8471	14.7	03/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	91.5	—	—	1.00E+00	ug/L	—	—	09-1072	CAPA-09-4397	GELC
3MAO-2	8471	14.7	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	—	4.54	—	—	2.50E+00	ug/L	J	J	11-237	CAPA-10-26888	GELC
3MAO-2	8471	14.7	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	14.7	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	10-973	CAPA-10-6765	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	—	3.47	—	—	2.50E+00	ug/L	J	J	11-237	CAPA-10-26889	GELC
3MAO-2	8471	14.7	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-3333	CAPA-10-17746	GELC
3MAO-2	8471	14.7	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	10-973	CAPA-10-6767	GELC
3MAO-2	8471	14.7	06/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	09-2195	CAPA-09-9401	GELC
3MAO-2	8471	14.7	03/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	09-1072	CAPA-09-4397	GELC
3MAO-2	8471	14.7	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.05	—	—	3.30E+00	ug/L	J	J	11-237	CAPA-10-26888	GELC
3MAO-2	8471	14.7	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	4.95	—	—	3.30E+00	ug/L	J	U	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	14.7	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.8	—	—	3.30E+00	ug/L	J	J	10-973	CAPA-10-6765	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.85	—	—	2.00E+00	ug/L	J	J	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	6.9	—	—	2.00E+00	ug/L	J	U	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.98	—	—	3.30E+00	ug/L	J	J	11-237	CAPA-10-26889	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
3MAO-2	8471	14.7	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	6.06	—	—	3.30E+00	ug/L	J	U	10-3333	CAPA-10-17746	GELC
3MAO-2	8471	14.7	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.31	—	—	3.30E+00	ug/L	J	J	10-973	CAPA-10-6767	GELC
3MAO-2	8471	14.7	06/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	10.7	—	—	2.00E+00	ug/L	—	—	09-2195	CAPA-09-9401	GELC
3MAO-2	8471	14.7	03/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	20.1	—	—	2.00E+00	ug/L	—	U	09-1072	CAPA-09-4397	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.000346	5.67E-04	2.90E-02	—	pCi/L	U	U	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0154	2.63E-03	3.80E-02	—	pCi/L	U	U	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	10/21/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00329	8.67E-04	3.60E-02	—	pCi/L	U	U	11-236	CAPA-10-26889	GELC
3MAO-2	8471	14.7	06/07/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00564	1.37E-03	4.20E-02	—	pCi/L	U	U	10-3332	CAPA-10-17746	GELC
3MAO-2	8471	14.7	12/16/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00984	4.67E-03	3.90E-02	—	pCi/L	U	U	10-973	CAPA-10-6767	GELC
3MAO-2	8471	14.7	06/04/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00014	5.67E-04	2.90E-02	—	pCi/L	U	U	09-2194	CAPA-09-9401	GELC
3MAO-2	8471	14.7	03/03/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00354	1.43E-03	3.90E-02	—	pCi/L	U	U	09-1072	CAPA-09-4397	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.21	5.00E-01	4.20E+00	—	pCi/L	U	U	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.541	4.67E-01	4.70E+00	—	pCi/L	U	U	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	10/21/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	3.27	5.00E-01	5.70E+00	—	pCi/L	U	U	11-236	CAPA-10-26889	GELC
3MAO-2	8471	14.7	06/07/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.93	5.00E-01	4.60E+00	—	pCi/L	U	U	10-3332	CAPA-10-17746	GELC
3MAO-2	8471	14.7	12/16/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.185	2.60E-01	2.60E+00	—	pCi/L	U	U	10-973	CAPA-10-6767	GELC
3MAO-2	8471	14.7	06/04/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.82	5.00E-01	4.50E+00	—	pCi/L	U	U	09-2194	CAPA-09-9401	GELC
3MAO-2	8471	14.7	03/03/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.216	3.67E-01	3.60E+00	—	pCi/L	U	U	09-1072	CAPA-09-4397	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.27	4.67E-01	5.30E+00	—	pCi/L	U	U	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.633	6.00E-01	6.00E+00	—	pCi/L	U	U	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	10/21/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.435	5.33E-01	5.30E+00	—	pCi/L	U	U	11-236	CAPA-10-26889	GELC
3MAO-2	8471	14.7	06/07/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0899	4.33E-01	4.40E+00	—	pCi/L	U	U	10-3332	CAPA-10-17746	GELC
3MAO-2	8471	14.7	12/16/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.03	2.80E-01	2.50E+00	—	pCi/L	U	U	10-973	CAPA-10-6767	GELC
3MAO-2	8471	14.7	06/04/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.69	4.67E-01	5.00E+00	—	pCi/L	U	U	09-2194	CAPA-09-9401	GELC
3MAO-2	8471	14.7	03/03/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.585	4.67E-01	4.40E+00	—	pCi/L	U	U	09-1072	CAPA-09-4397	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.918	2.43E-01	2.50E+00	—	pCi/L	U	U	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.914	2.33E-01	2.40E+00	—	pCi/L	U	U	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	10/21/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.73	3.67E-01	2.90E+00	—	pCi/L	U	U	11-236	CAPA-10-26889	GELC
3MAO-2	8471	14.7	06/07/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.0943	1.93E-01	2.40E+00	—	pCi/L	U	U	10-3332	CAPA-10-17746	GELC
3MAO-2	8471	14.7	12/16/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.613	2.43E-01	2.70E+00	—	pCi/L	U	U	10-973	CAPA-10-6767	GELC
3MAO-2	8471	14.7	06/04/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	3.2	2.90E-01	1.60E+00	—	pCi/L	—	—	09-2194	CAPA-09-9401	GELC
3MAO-2	8471	14.7	03/03/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.728	2.83E-01	3.00E+00	—	pCi/L	U	U	09-1072	CAPA-09-4397	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.13	2.50E-01	2.10E+00	—	pCi/L	—	U	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Rad	EPA:900	Gross beta	—	2	1.73E-01	1.40E+00	—	pCi/L	—	—	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	10/21/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.22	2.53E-01	2.50E+00	—	pCi/L	U	U	11-236	CAPA-10-26889	GELC
3MAO-2	8471	14.7	06/07/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.02	2.90E-01	2.70E+00	—	pCi/L	U	U	10-3332	CAPA-10-17746	GELC
3MAO-2	8471	14.7	12/16/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.28	3.20E-01	2.90E+00	—	pCi/L	U	U	10-973	CAPA-10-6767	GELC
3MAO-2	8471	14.7	06/04/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.17	2.77E-01	2.00E+00	—	pCi/L	—	—	09-2194	CAPA-09-9401	GELC
3MAO-2	8471	14.7	03/03/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	6.22	2.87E-01	1.50E+00	—	pCi/L	—	—	09-1072	CAPA-09-4397	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	55.7	1.13E+01	7.60E+01	—	pCi/L	U	U	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	24.2	5.33E+00	3.20E+01	—	pCi/L	U	U	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	10/21/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	93.9	1.50E+01	1.20E+02	—	pCi/L	U	U	11-236	CAPA-10-26889	GELC
3MAO-2	8471	14.7	06/07/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	11.9	1.80E+00	1.60E+01	—	pCi/L	U	U	10-3332	CAPA-10-17746	GELC
3MAO-2	8471	14.7	12/16/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	28.2	9.00E+00	6.60E+01	—	pCi/L	U	U	10-973	CAPA-10-6767	GELC
3MAO-2	8471	14.7	06/04/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	46.6	8.33E+00	6.30E+01	—	pCi/L	U	U	09-2194	CAPA-09-9401	GELC
3MAO-2	8471	14.7	03/03/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	27.9	8.33E+00	6.10E+01	—	pCi/L	U	U	09-1072	CAPA-09-4397	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	24.8	4.00E+00	4.20E+01	—	pCi/L	U	U	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.17	3.27E+00	3.30E+01	—	pCi/L	U	U	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	10/21/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.14	1.17E+00	1.20E+01	—	pCi/L	U	U	11-236	CAPA-10-26889	GELC
3MAO-2	8471	14.7	06/07/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.803	1.17E+00	1.20E+01	—	pCi/L	U	U	10-3332	CAPA-10-17746	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
3MAO-2	8471	14.7	12/16/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-15	2.13E+00	1.70E+01	—	pCi/L	U	U	10-973	CAPA-10-6767	GELC
3MAO-2	8471	14.7	06/04/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.44	4.00E+00	3.70E+01	—	pCi/L	U	U	09-2194	CAPA-09-9401	GELC
3MAO-2	8471	14.7	03/03/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.84	4.00E+00	3.60E+01	—	pCi/L	U	U	09-1072	CAPA-09-4397	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00637	1.87E-03	3.80E-02	—	pCi/L	U	U	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00566	1.90E-03	2.70E-02	—	pCi/L	U	U	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	10/21/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0019	9.00E-04	2.20E-02	—	pCi/L	U	U	11-236	CAPA-10-26889	GELC
3MAO-2	8471	14.7	06/07/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00416	1.40E-03	3.10E-02	—	pCi/L	U	U	10-3332	CAPA-10-17746	GELC
3MAO-2	8471	14.7	12/16/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00671	5.00E-03	3.30E-02	—	pCi/L	U	U	10-973	CAPA-10-6767	GELC
3MAO-2	8471	14.7	06/04/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00422	3.30E-03	3.80E-02	—	pCi/L	U	U	09-2194	CAPA-09-9401	GELC
3MAO-2	8471	14.7	03/03/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0042	1.97E-03	3.00E-02	—	pCi/L	U	U	09-1072	CAPA-09-4397	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00212	1.87E-03	3.90E-02	—	pCi/L	U	U	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00377	1.77E-03	3.80E-02	—	pCi/L	U	U	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	10/21/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0019	9.00E-04	3.70E-02	—	pCi/L	U	U	11-236	CAPA-10-26889	GELC
3MAO-2	8471	14.7	06/07/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0104	3.33E-03	2.90E-02	—	pCi/L	U	U	10-3332	CAPA-10-17746	GELC
3MAO-2	8471	14.7	12/16/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0067	2.23E-03	3.50E-02	—	pCi/L	U	U	10-973	CAPA-10-6767	GELC
3MAO-2	8471	14.7	06/04/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00422	2.00E-03	3.80E-02	—	pCi/L	U	U	09-2194	CAPA-09-9401	GELC
3MAO-2	8471	14.7	03/03/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0063	1.57E-03	4.20E-02	—	pCi/L	U	U	09-1072	CAPA-09-4397	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	1.12	5.00E+00	4.10E+01	—	pCi/L	U	U	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-22.7	5.00E+00	4.70E+01	—	pCi/L	U	U	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	10/21/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	12.4	6.67E+00	7.80E+01	—	pCi/L	U	U	11-236	CAPA-10-26889	GELC
3MAO-2	8471	14.7	06/07/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-20.3	8.00E+00	7.90E+01	—	pCi/L	U	U	10-3332	CAPA-10-17746	GELC
3MAO-2	8471	14.7	12/16/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	0.872	5.00E+00	2.80E+01	—	pCi/L	U	U	10-973	CAPA-10-6767	GELC
3MAO-2	8471	14.7	06/04/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	21.3	6.67E+00	7.30E+01	—	pCi/L	U	U	09-2194	CAPA-09-9401	GELC
3MAO-2	8471	14.7	03/03/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	12	7.67E+00	3.70E+01	—	pCi/L	U	U	09-1072	CAPA-09-4397	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.608	5.33E-01	5.20E+00	—	pCi/L	U	U	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-3.72	4.67E-01	2.90E+00	—	pCi/L	U	U	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	10/21/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.45	5.33E-01	5.00E+00	—	pCi/L	U	U	11-236	CAPA-10-26889	GELC
3MAO-2	8471	14.7	06/07/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-3.48	5.67E-01	4.50E+00	—	pCi/L	U	U	10-3332	CAPA-10-17746	GELC
3MAO-2	8471	14.7	12/16/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.302	2.77E-01	2.80E+00	—	pCi/L	U	U	10-973	CAPA-10-6767	GELC
3MAO-2	8471	14.7	06/04/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.304	4.00E-01	4.10E+00	—	pCi/L	U	U	09-2194	CAPA-09-9401	GELC
3MAO-2	8471	14.7	03/03/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.18	4.00E-01	4.60E+00	—	pCi/L	U	U	09-1072	CAPA-09-4397	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0121	4.33E-02	4.80E-01	—	pCi/L	U	U	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.189	2.63E-02	2.50E-01	—	pCi/L	U	U	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	10/21/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.227	5.00E-02	4.80E-01	—	pCi/L	U	U	11-236	CAPA-10-26889	GELC
3MAO-2	8471	14.7	06/07/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.384	5.33E-02	4.90E-01	—	pCi/L	U	U	10-3332	CAPA-10-17746	GELC
3MAO-2	8471	14.7	12/16/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0339	4.00E-02	4.20E-01	—	pCi/L	U	U	10-973	CAPA-10-6767	GELC
3MAO-2	8471	14.7	06/04/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.163	3.67E-02	4.50E-01	—	pCi/L	U	U	09-2194	CAPA-09-9401	GELC
3MAO-2	8471	14.7	03/03/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.121	2.70E-02	2.60E-01	—	pCi/L	U	U	09-1072	CAPA-09-4397	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0412	5.00E-03	1.30E-01	—	pCi/L	U	U	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	-0.0114	1.93E-03	9.10E-02	—	pCi/L	U	U	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	10/21/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0167	2.30E-03	4.70E-02	—	pCi/L	U	U	11-236	CAPA-10-26889	GELC
3MAO-2	8471	14.7	06/07/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0485	4.00E-03	5.90E-02	—	pCi/L	U	U	10-3332	CAPA-10-17746	GELC
3MAO-2	8471	14.7	12/16/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0445	3.67E-03	8.10E-02	—	pCi/L	U	U	10-973	CAPA-10-6767	GELC
3MAO-2	8471	14.7	06/04/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.058	5.33E-03	1.20E-01	—	pCi/L	U	U	09-2194	CAPA-09-9401	GELC
3MAO-2	8471	14.7	03/03/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0532	4.00E-03	8.80E-02	—	pCi/L	U	U	09-1072	CAPA-09-4397	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00775	1.83E-03	5.70E-02	—	pCi/L	U	U	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00585	1.40E-03	4.20E-02	—	pCi/L	U	U	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	10/21/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00691	1.63E-03	3.60E-02	—	pCi/L	U	U	11-236	CAPA-10-26889	GELC
3MAO-2	8471	14.7	06/07/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00336	1.93E-03	4.00E-02	—	pCi/L	U	U	10-3332	CAPA-10-17746	GELC
3MAO-2	8471	14.7	12/16/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00612	1.47E-03	4.30E-02	—	pCi/L	U	U	10-973	CAPA-10-6767	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
3MAO-2	8471	14.7	06/04/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00377	2.17E-03	5.50E-02	—	pCi/L	U	U	09-2194	CAPA-09-9401	GELC
3MAO-2	8471	14.7	03/03/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00285	1.63E-03	4.10E-02	—	pCi/L	U	U	09-1072	CAPA-09-4397	GELC
3MAO-2	8471	14.7	06/04/09	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.00314	3.13E-03	5.70E-02	—	pCi/L	U	U	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	03/03/09	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0237	2.57E-03	5.40E-02	—	pCi/L	U	U	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	10/21/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0252	3.33E-03	2.90E-02	—	pCi/L	U	U	11-236	CAPA-10-26889	GELC
3MAO-2	8471	14.7	06/07/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0489	4.00E-03	4.40E-02	—	pCi/L	—	—	10-3332	CAPA-10-17746	GELC
3MAO-2	8471	14.7	12/16/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0372	3.67E-03	5.10E-02	—	pCi/L	U	U	10-973	CAPA-10-6767	GELC
3MAO-2	8471	14.7	06/04/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0548	5.00E-03	5.60E-02	—	pCi/L	U	U	09-2194	CAPA-09-9401	GELC
3MAO-2	8471	14.7	03/03/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0806	5.00E-03	5.20E-02	—	pCi/L	—	—	09-1072	CAPA-09-4397	GELC
Bulldog Spring	—	—	10/08/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	90.1	—	—	7.30E-01	mg/L	—	—	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	—	09/15/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	77.4	—	—	7.30E-01	mg/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	03/06/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	69.6	—	—	7.30E-01	mg/L	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	77.4	—	—	7.30E-01	mg/L	—	—	09-484	CAPA-09-1107	GELC
Bulldog Spring	—	—	09/12/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	71.7	—	—	7.30E-01	mg/L	—	—	08-1932	CAPA-08-14927	GELC
Bulldog Spring	—	—	10/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20	—	—	5.00E-02	mg/L	—	—	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	—	09/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.7	—	—	5.00E-02	mg/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	03/06/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.8	—	—	3.00E-02	mg/L	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.4	—	—	3.00E-02	mg/L	—	—	09-485	CAPA-09-1107	GELC
Bulldog Spring	—	—	10/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.8	—	—	5.00E-02	mg/L	—	—	11-95	CAPA-10-26883	GELC
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.4	—	—	5.00E-02	mg/L	—	—	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	03/06/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.2	—	—	3.00E-02	mg/L	—	—	09-1141	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.3	—	—	3.00E-02	mg/L	—	—	09-485	CAPA-09-1106	GELC
Bulldog Spring	—	—	09/12/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.4	—	—	3.00E-02	mg/L	—	—	08-1932	CAPA-08-14928	GELC
Bulldog Spring	—	—	10/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.4	—	—	1.30E-01	mg/L	—	J+	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	—	09/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.8	—	—	6.60E-02	mg/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	03/06/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	24.9	—	—	1.30E-01	mg/L	—	J+	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.1	—	—	6.60E-02	mg/L	—	J-	09-484	CAPA-09-1107	GELC
Bulldog Spring	—	—	09/12/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	20.4	—	—	1.30E-01	mg/L	—	—	08-1932	CAPA-08-14927	GELC
Bulldog Spring	—	—	10/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.26	—	—	3.30E-02	mg/L	—	—	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	—	09/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.362	—	—	3.30E-02	mg/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	03/06/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.28	—	—	3.30E-02	mg/L	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.309	—	—	3.30E-02	mg/L	—	—	09-484	CAPA-09-1107	GELC
Bulldog Spring	—	—	09/12/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.252	—	—	3.30E-02	mg/L	—	—	08-1932	CAPA-08-14927	GELC
Bulldog Spring	—	—	10/08/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	71.6	—	—	3.50E-01	mg/L	—	—	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	—	09/15/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	78.5	—	—	3.50E-01	mg/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	03/06/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	79	—	—	3.50E-01	mg/L	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	73.6	—	—	3.50E-01	mg/L	—	—	09-485	CAPA-09-1107	GELC
Bulldog Spring	—	—	10/08/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	74.8	—	—	3.50E-01	mg/L	—	—	11-95	CAPA-10-26883	GELC
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	77.5	—	—	3.50E-01	mg/L	—	—	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	03/06/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	80.6	—	—	3.50E-01	mg/L	—	—	09-1141	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	73.5	—	—	3.50E-01	mg/L	—	—	09-485	CAPA-09-1106	GELC
Bulldog Spring	—	—	09/12/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	71.3	—	—	3.50E-01	mg/L	—	—	08-1932	CAPA-08-14928	GELC
Bulldog Spring	—	—	10/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.26	—	—	8.50E-02	mg/L	—	—	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	—	09/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.92	—	—	8.50E-02	mg/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	03/06/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.95	—	—	8.50E-02	mg/L	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.51	—	—	8.50E-02	mg/L	—	—	09-485	CAPA-09-1107	GELC
Bulldog Spring	—	—	10/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.56	—	—	8.50E-02	mg/L	—	—	11-95	CAPA-10-26883	GELC
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.83	—	—	8.50E-02	mg/L	—	—	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	03/06/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.11	—	—	8.50E-02	mg/L	—	—	09-1141	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.54	—	—	8.50E-02	mg/L	—	—	09-485	CAPA-09-1106	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Bulldog Spring	—	—	09/12/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.58	—	—	8.50E-02	mg/L	—	—	08-1932	CAPA-08-14928	GELC
Bulldog Spring	—	—	10/08/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.72	—	—	5.00E-02	mg/L	—	—	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	—	09/15/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.09	—	—	5.00E-02	mg/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	03/06/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.3	—	—	5.00E-02	mg/L	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.26	—	—	5.00E-02	mg/L	—	—	09-484	CAPA-09-1107	GELC
Bulldog Spring	—	—	09/12/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.03	—	—	5.00E-02	mg/L	—	—	08-1932	CAPA-08-14927	GELC
Bulldog Spring	—	—	10/08/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.788	—	—	5.00E-02	ug/L	—	—	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	—	09/15/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.846	—	—	5.00E-02	ug/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	03/06/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.884	—	—	5.00E-02	ug/L	—	J	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.947	—	—	5.00E-02	ug/L	—	—	09-484	CAPA-09-1107	GELC
Bulldog Spring	—	—	09/12/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.754	—	—	5.00E-02	ug/L	—	J+	08-1932	CAPA-08-14927	GELC
Bulldog Spring	—	—	10/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.1	—	—	5.00E-02	mg/L	—	J	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	—	09/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.12	—	—	5.00E-02	mg/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	03/06/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.25	—	—	5.00E-02	mg/L	E	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.99	—	—	5.00E-02	mg/L	—	—	09-485	CAPA-09-1107	GELC
Bulldog Spring	—	—	10/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.24	—	—	5.00E-02	mg/L	—	J	11-95	CAPA-10-26883	GELC
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.09	—	—	5.00E-02	mg/L	—	—	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	03/06/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.46	—	—	5.00E-02	mg/L	E	—	09-1141	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.81	—	—	5.00E-02	mg/L	—	—	09-485	CAPA-09-1106	GELC
Bulldog Spring	—	—	09/12/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.32	—	—	5.00E-02	mg/L	—	—	08-1932	CAPA-08-14928	GELC
Bulldog Spring	—	—	10/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	22	—	—	1.00E-01	mg/L	—	J+	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	—	09/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	24.5	—	—	1.00E-01	mg/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	03/06/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	24.3	—	—	4.50E-02	mg/L	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	21.1	—	—	4.50E-02	mg/L	—	—	09-485	CAPA-09-1107	GELC
Bulldog Spring	—	—	10/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	22.7	—	—	1.00E-01	mg/L	—	J+	11-95	CAPA-10-26883	GELC
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	24.7	—	—	1.00E-01	mg/L	—	—	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	03/06/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	24.4	—	—	4.50E-02	mg/L	—	—	09-1141	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.5	—	—	4.50E-02	mg/L	—	—	09-485	CAPA-09-1106	GELC
Bulldog Spring	—	—	09/12/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.4	—	—	4.50E-02	mg/L	—	—	08-1932	CAPA-08-14928	GELC
Bulldog Spring	—	—	10/08/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	263	—	—	1.00E+00	uS/cm	—	—	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	—	09/15/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	273	—	—	1.00E+00	uS/cm	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	03/06/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	269	—	—	1.00E+00	uS/cm	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	10/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12.9	—	—	1.00E-01	mg/L	—	—	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	—	09/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	14.6	—	—	1.00E-01	mg/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	03/06/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.3	—	—	1.00E-01	mg/L	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.8	—	—	1.00E-01	mg/L	—	J-	09-484	CAPA-09-1107	GELC
Bulldog Spring	—	—	09/12/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.7	—	—	1.00E-01	mg/L	—	—	08-1932	CAPA-08-14927	GELC
Bulldog Spring	—	—	10/08/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	210	—	—	2.40E+00	mg/L	—	—	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	—	09/15/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	176	—	—	2.40E+00	mg/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	03/06/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	193	—	—	2.40E+00	mg/L	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	183	—	—	2.40E+00	mg/L	—	—	09-484	CAPA-09-1107	GELC
Bulldog Spring	—	—	09/12/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	163	—	—	2.40E+00	mg/L	—	—	08-1932	CAPA-08-14927	GELC
Bulldog Spring	—	—	10/08/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.15	—	—	3.30E-01	mg/L	—	J	11-95	CAPA-10-26883	GELC
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.84	—	—	3.30E-01	mg/L	—	—	09-3235	CAPA-09-12112	GELC
Bulldog Spring	—	—	03/06/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.92	—	—	3.30E-01	mg/L	—	J	09-1140	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.59	—	—	3.30E-01	mg/L	—	—	09-484	CAPA-09-1106	GELC
Bulldog Spring	—	—	09/12/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.72	—	—	3.30E-01	mg/L	—	—	08-1932	CAPA-08-14928	GELC
Bulldog Spring	—	—	10/08/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.46	—	—	1.00E-02	SU	H	J-	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	—	09/15/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.39	—	—	1.00E-02	SU	H	J-	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	03/06/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.69	—	—	1.00E-02	SU	H	J-	09-1141	CAPA-09-4089	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Bulldog Spring	—	—	10/08/10	WG	UF	CS	—	Hexp	SW-846:8321A	Amino-2,6-dinitrotoluene[4-]	—	0.125	—	—	1.00E-01	ug/L	J	J	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	—	03/10/10	WG	UF	CS	—	Hexp	SW-846:8321A	Amino-2,6-dinitrotoluene[4-]	—	0.22	—	—	5.10E-02	ug/L	—	—	10-2411	CAPA-10-12705	STSL
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Hexp	SW-846:8321A	Amino-2,6-dinitrotoluene[4-]	—	0.237	—	—	1.00E-01	ug/L	J	J	09-3235	CAPA-09-12112	GELC
Bulldog Spring	—	—	06/03/09	WG	UF	CS	—	Hexp	SW-846:8321A	Amino-2,6-dinitrotoluene[4-]	—	0.137	—	—	1.30E-01	ug/L	J	J	09-2165	CAPA-09-9307	GELC
Bulldog Spring	—	—	03/06/09	WG	UF	CS	—	Hexp	SW-846:8321A	Amino-2,6-dinitrotoluene[4-]	—	0.213	—	—	1.30E-01	ug/L	J	J	09-1140	CAPA-09-4090	GELC
Bulldog Spring	—	—	10/08/10	WG	UF	CS	—	Hexp	SW-846:8321A	HMX	—	3.3	—	—	1.00E-01	ug/L	—	—	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	—	03/10/10	WG	UF	CS	—	Hexp	SW-846:8321A	HMX	—	2.9	—	—	2.60E-02	ug/L	—	—	10-2411	CAPA-10-12705	STSL
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Hexp	SW-846:8321A	HMX	—	3.88	—	—	1.00E-01	ug/L	—	—	09-3235	CAPA-09-12112	GELC
Bulldog Spring	—	—	06/03/09	WG	UF	CS	—	Hexp	SW-846:8321A	HMX	—	2.04	—	—	1.00E-01	ug/L	—	—	09-2165	CAPA-09-9307	GELC
Bulldog Spring	—	—	03/06/09	WG	UF	CS	—	Hexp	SW-846:8321A	HMX	—	5.06	—	—	1.00E-01	ug/L	—	J	09-1140	CAPA-09-4090	GELC
Bulldog Spring	—	—	10/08/10	WG	UF	CS	—	Hexp	SW-846:8321A	RDX	—	3.65	—	—	1.00E-01	ug/L	—	J	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	—	03/10/10	WG	UF	CS	—	Hexp	SW-846:8321A	RDX	—	3.7	—	—	5.90E-02	ug/L	—	J-	10-2411	CAPA-10-12705	STSL
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Hexp	SW-846:8321A	RDX	—	4.88	—	—	1.00E-01	ug/L	—	—	09-3235	CAPA-09-12112	GELC
Bulldog Spring	—	—	06/03/09	WG	UF	CS	—	Hexp	SW-846:8321A	RDX	—	2.73	—	—	1.30E-01	ug/L	—	—	09-2165	CAPA-09-9307	GELC
Bulldog Spring	—	—	03/06/09	WG	UF	CS	—	Hexp	SW-846:8321A	RDX	—	5.47	—	—	1.30E-01	ug/L	—	—	09-1140	CAPA-09-4090	GELC
Bulldog Spring	—	—	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	336	—	—	6.80E+01	ug/L	—	—	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	—	09/15/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	246	—	—	6.80E+01	ug/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	03/06/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	781	—	—	6.80E+01	ug/L	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	149	—	—	6.80E+01	ug/L	J	—	09-485	CAPA-09-1107	GELC
Bulldog Spring	—	—	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	900	—	—	6.80E+01	ug/L	—	—	11-95	CAPA-10-26883	GELC
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	265	—	—	6.80E+01	ug/L	—	—	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	03/06/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	2570	—	—	6.80E+01	ug/L	—	—	09-1141	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	201	—	—	6.80E+01	ug/L	—	—	09-485	CAPA-09-1106	GELC
Bulldog Spring	—	—	09/12/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1180	—	—	6.80E+01	ug/L	—	—	08-1932	CAPA-08-14928	GELC
Bulldog Spring	—	—	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	72.1	—	—	1.00E+00	ug/L	—	—	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	—	09/15/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	78.7	—	—	1.00E+00	ug/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	03/06/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	77.8	—	—	1.00E+00	ug/L	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	68	—	—	1.00E+00	ug/L	—	—	09-485	CAPA-09-1107	GELC
Bulldog Spring	—	—	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	75.9	—	—	1.00E+00	ug/L	—	—	11-95	CAPA-10-26883	GELC
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	77.8	—	—	1.00E+00	ug/L	—	—	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	03/06/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	85.4	—	—	1.00E+00	ug/L	—	—	09-1141	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	69	—	—	1.00E+00	ug/L	—	—	09-485	CAPA-09-1106	GELC
Bulldog Spring	—	—	09/12/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	73.6	—	—	1.00E+00	ug/L	—	—	08-1932	CAPA-08-14928	GELC
Bulldog Spring	—	—	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	20.9	—	—	1.50E+01	ug/L	J	J	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	—	09/15/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	23.4	—	—	1.50E+01	ug/L	J	U	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	03/06/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	26.9	—	—	1.00E+01	ug/L	J	U	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	17.7	—	—	1.00E+01	ug/L	J	—	09-485	CAPA-09-1107	GELC
Bulldog Spring	—	—	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	21	—	—	1.50E+01	ug/L	J	J	11-95	CAPA-10-26883	GELC
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	23.2	—	—	1.50E+01	ug/L	J	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	03/06/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	26.6	—	—	1.00E+01	ug/L	J	U	09-1141	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	17.8	—	—	1.00E+01	ug/L	J	—	09-485	CAPA-09-1106	GELC
Bulldog Spring	—	—	09/12/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	08-1932	CAPA-08-14928	GELC
Bulldog Spring	—	—	10/08/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.74	—	—	2.50E+00	ug/L	J	J	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	—	09/15/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	03/06/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.2	—	—	1.50E+00	ug/L	J	J	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1.5	—	—	1.50E+00	ug/L	J	—	09-485	CAPA-09-1107	GELC
Bulldog Spring	—	—	10/08/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.79	—	—	2.50E+00	ug/L	J	J	11-95	CAPA-10-26883	GELC
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	03/06/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3	—	—	1.50E+00	ug/L	—	—	09-1141	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.50E+00	ug/L	U	U	09-485	CAPA-09-1106	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Bulldog Spring	—	—	09/12/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.6	—	—	1.50E+00	ug/L	J	J	08-1932	CAPA-08-14928	GELC
Bulldog Spring	—	—	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	186	—	—	3.00E+01	ug/L	—	—	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	—	09/15/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	154	—	—	3.00E+01	ug/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	03/06/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	381	—	—	2.50E+01	ug/L	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	77.2	—	—	2.50E+01	ug/L	J	—	09-485	CAPA-09-1107	GELC
Bulldog Spring	—	—	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	484	—	—	3.00E+01	ug/L	—	—	11-95	CAPA-10-26883	GELC
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	142	—	—	3.00E+01	ug/L	—	—	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	03/06/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1330	—	—	2.50E+01	ug/L	—	—	09-1141	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	99.9	—	—	2.50E+01	ug/L	J	—	09-485	CAPA-09-1106	GELC
Bulldog Spring	—	—	09/12/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	604	—	—	2.50E+01	ug/L	—	—	08-1932	CAPA-08-14928	GELC
Bulldog Spring	—	—	09/15/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	03/06/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.4	—	—	2.00E+00	ug/L	J	J	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-485	CAPA-09-1107	GELC
Bulldog Spring	—	—	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.51	—	—	2.00E+00	ug/L	J	J	11-95	CAPA-10-26883	GELC
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	03/06/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	8.9	—	—	2.00E+00	ug/L	J	J	09-1141	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.1	—	—	2.00E+00	ug/L	J	—	09-485	CAPA-09-1106	GELC
Bulldog Spring	—	—	09/12/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.2	—	—	2.00E+00	ug/L	J	J	08-1932	CAPA-08-14928	GELC
Bulldog Spring	—	—	10/08/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.869	—	—	1.00E-01	ug/L	—	—	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	—	09/15/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.918	—	—	1.00E-01	ug/L	—	U	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	03/06/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.91	—	—	1.00E-01	ug/L	—	U	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.89	—	—	1.00E-01	ug/L	—	U	09-485	CAPA-09-1107	GELC
Bulldog Spring	—	—	10/08/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.84	—	—	1.00E-01	ug/L	—	—	11-95	CAPA-10-26883	GELC
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.943	—	—	1.00E-01	ug/L	—	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	03/06/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.9	—	—	1.00E-01	ug/L	—	U	09-1141	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.86	—	—	1.00E-01	ug/L	—	U	09-485	CAPA-09-1106	GELC
Bulldog Spring	—	—	09/12/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.75	—	—	1.00E-01	ug/L	—	U	08-1932	CAPA-08-14928	GELC
Bulldog Spring	—	—	10/08/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.834	—	—	5.00E-01	ug/L	J	J	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	—	09/15/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.77	—	—	5.00E-01	ug/L	J	J	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	03/06/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.75	—	—	5.00E-01	ug/L	J	J	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.52	—	—	5.00E-01	ug/L	J	—	09-485	CAPA-09-1107	GELC
Bulldog Spring	—	—	10/08/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.843	—	—	5.00E-01	ug/L	J	J	11-95	CAPA-10-26883	GELC
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.673	—	—	5.00E-01	ug/L	J	J	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	03/06/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	5.00E-01	ug/L	J	J	09-1141	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.55	—	—	5.00E-01	ug/L	J	—	09-485	CAPA-09-1106	GELC
Bulldog Spring	—	—	09/12/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.93	—	—	5.00E-01	ug/L	J	J	08-1932	CAPA-08-14928	GELC
Bulldog Spring	—	—	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	45	—	—	5.30E-02	mg/L	—	—	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	—	09/15/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	47.2	—	—	5.30E-02	mg/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	03/06/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	48.6	—	—	3.20E-02	mg/L	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	47.3	—	—	3.20E-02	mg/L	—	—	09-484	CAPA-09-1107	GELC
Bulldog Spring	—	—	09/12/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	41.1	—	—	3.20E-02	mg/L	—	—	08-1932	CAPA-08-14927	GELC
Bulldog Spring	—	—	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	118	—	—	1.00E+00	ug/L	—	—	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	—	09/15/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	131	—	—	1.00E+00	ug/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	03/06/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	127	—	—	1.00E+00	ug/L	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	118	—	—	1.00E+00	ug/L	—	—	09-485	CAPA-09-1107	GELC
Bulldog Spring	—	—	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	123	—	—	1.00E+00	ug/L	—	—	11-95	CAPA-10-26883	GELC
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	130	—	—	1.00E+00	ug/L	—	—	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	03/06/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	129	—	—	1.00E+00	ug/L	—	—	09-1141	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	116	—	—	1.00E+00	ug/L	—	—	09-485	CAPA-09-1106	GELC
Bulldog Spring	—	—	09/12/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	116	—	—	1.00E+00	ug/L	—	—	08-1932	CAPA-08-14928	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Bulldog Spring	—	—	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.23	—	—	1.00E+00	ug/L	J	J	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	—	09/15/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.2	—	—	1.00E+00	ug/L	J	J	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	03/06/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.2	—	—	1.00E+00	ug/L	J	J	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.4	—	—	1.00E+00	ug/L	J	—	09-485	CAPA-09-1107	GELC
Bulldog Spring	—	—	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.77	—	—	1.00E+00	ug/L	J	J	11-95	CAPA-10-26883	GELC
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.3	—	—	1.00E+00	ug/L	J	J	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	03/06/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.8	—	—	1.00E+00	ug/L	J	J	09-1141	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.2	—	—	1.00E+00	ug/L	J	—	09-485	CAPA-09-1106	GELC
Bulldog Spring	—	—	09/12/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3	—	—	1.00E+00	ug/L	J	J	08-1932	CAPA-08-14928	GELC
Bulldog Spring	—	—	09/12/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0149	3.03E-03	2.90E-02	—	pCi/L	U	U	08-1933	CAPA-08-14927	GELC
Bulldog Spring	—	—	06/10/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00465	2.07E-03	2.70E-02	—	pCi/L	U	U	08-1326	CAPA-08-13069	GELC
Bulldog Spring	—	—	10/08/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00329	9.33E-04	3.90E-02	—	pCi/L	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0229	2.87E-03	3.00E-02	—	pCi/L	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	09/12/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00959	3.33E-03	4.20E-02	—	pCi/L	U	U	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	—	06/10/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0126	1.63E-03	3.60E-02	—	pCi/L	U	U	08-1326	CAPA-08-13071	GELC
Bulldog Spring	—	—	09/12/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.642	4.00E-01	3.70E+00	—	pCi/L	U	U	08-1933	CAPA-08-14927	GELC
Bulldog Spring	—	—	06/10/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.025	4.33E-01	4.20E+00	—	pCi/L	U	U	08-1326	CAPA-08-13069	GELC
Bulldog Spring	—	—	10/08/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.219	4.33E-01	4.30E+00	—	pCi/L	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.16	5.33E-01	5.10E+00	—	pCi/L	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	09/12/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-3.82	6.33E-01	5.80E+00	—	pCi/L	U	U	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	—	06/10/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.85	4.67E-01	4.10E+00	—	pCi/L	U	U	08-1326	CAPA-08-13071	GELC
Bulldog Spring	—	—	09/12/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.33	4.33E-01	3.60E+00	—	pCi/L	U	U	08-1933	CAPA-08-14927	GELC
Bulldog Spring	—	—	06/10/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0522	4.00E-01	3.90E+00	—	pCi/L	U	U	08-1326	CAPA-08-13069	GELC
Bulldog Spring	—	—	10/08/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.784	2.67E-01	2.20E+00	—	pCi/L	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.44	5.00E-01	5.20E+00	—	pCi/L	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	09/12/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	3.3	5.00E-01	5.90E+00	—	pCi/L	U	U	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	—	06/10/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.41	4.33E-01	4.70E+00	—	pCi/L	U	U	08-1326	CAPA-08-13071	GELC
Bulldog Spring	—	—	09/04/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	1.68	3.40E-01	3.03E+00	—	pCi/L	U	U	193122	GF070800GSLB01	GELC
Bulldog Spring	—	—	07/10/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.811	2.52E-01	2.76E+00	—	pCi/L	U	U	189433	GF070600GSLB01	GELC
Bulldog Spring	—	—	03/26/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.969	2.02E-01	1.96E+00	—	pCi/L	U	U	183217	GF070300GSLB01	GELC
Bulldog Spring	—	—	10/08/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.08	2.63E-01	2.60E+00	—	pCi/L	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.32	2.60E-01	2.30E+00	—	pCi/L	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	09/04/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	3.78	4.57E-01	3.32E+00	—	pCi/L	—	J	193122	GU070800GSLB01	GELC
Bulldog Spring	—	—	07/10/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.478	2.16E-01	2.59E+00	—	pCi/L	U	U	189433	GU070600GSLB01	GELC
Bulldog Spring	—	—	03/26/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.76	2.18E-01	2.20E+00	—	pCi/L	U	U	183217	GU070300GSLB01	GELC
Bulldog Spring	—	—	09/04/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.04	2.63E-01	2.36E+00	—	pCi/L	U	U	193122	GF070800GSLB01	GELC
Bulldog Spring	—	—	07/10/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.42	3.26E-01	2.80E+00	—	pCi/L	—	J	189433	GF070600GSLB01	GELC
Bulldog Spring	—	—	03/26/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.65	3.16E-01	2.80E+00	—	pCi/L	—	J	183217	GF070300GSLB01	GELC
Bulldog Spring	—	—	10/08/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.9	2.83E-01	2.60E+00	—	pCi/L	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.23	3.27E-01	3.00E+00	—	pCi/L	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	09/04/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.83	3.50E-01	2.15E+00	—	pCi/L	—	J	193122	GU070800GSLB01	GELC
Bulldog Spring	—	—	07/10/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.19	3.09E-01	2.89E+00	—	pCi/L	U	U	189433	GU070600GSLB01	GELC
Bulldog Spring	—	—	03/26/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	8	3.77E-01	2.86E+00	—	pCi/L	—	J	183217	GU070300GSLB01	GELC
Bulldog Spring	—	—	09/12/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	8.07	3.67E+00	1.80E+01	—	pCi/L	U	U	08-1933	CAPA-08-14927	GELC
Bulldog Spring	—	—	06/10/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	54.3	1.37E+01	2.20E+02	—	pCi/L	U	U	08-1326	CAPA-08-13069	GELC
Bulldog Spring	—	—	10/08/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	17.8	2.60E+00	1.40E+01	—	pCi/L	—	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	45.6	9.00E+00	5.80E+01	—	pCi/L	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	09/12/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	15.1	4.33E+00	1.80E+01	—	pCi/L	U	U	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	—	06/10/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	64.9	2.63E+01	2.10E+02	—	pCi/L	U	U	08-1326	CAPA-08-13071	GELC
Bulldog Spring	—	—	09/12/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.11	3.67E+00	3.50E+01	—	pCi/L	U	U	08-1933	CAPA-08-14927	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Bulldog Spring	—	—	06/10/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-14	3.20E+00	2.70E+01	—	pCi/L	U	U	08-1326	CAPA-08-13069	GELC
Bulldog Spring	—	—	10/08/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.55	8.67E-01	8.10E+00	—	pCi/L	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	12.9	3.67E+00	3.90E+01	—	pCi/L	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	09/12/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-13.3	3.67E+00	3.50E+01	—	pCi/L	U	U	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	—	06/10/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	17.7	3.20E+00	3.30E+01	—	pCi/L	U	U	08-1326	CAPA-08-13071	GELC
Bulldog Spring	—	—	09/12/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00406	9.67E-04	2.80E-02	—	pCi/L	U	U	08-1933	CAPA-08-14927	GELC
Bulldog Spring	—	—	06/10/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00466	1.17E-03	1.90E-02	—	pCi/L	U	U	08-1326	CAPA-08-13069	GELC
Bulldog Spring	—	—	10/08/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0022	7.33E-04	2.50E-02	—	pCi/L	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0066	1.47E-03	3.70E-02	—	pCi/L	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	09/12/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	7.67E-04	3.20E-02	—	pCi/L	U	U	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	—	06/10/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0011	1.53E-03	2.30E-02	—	pCi/L	U	U	08-1326	CAPA-08-13071	GELC
Bulldog Spring	—	—	09/12/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00203	1.80E-03	3.50E-02	—	pCi/L	U	U	08-1933	CAPA-08-14927	GELC
Bulldog Spring	—	—	06/10/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00155	1.17E-03	2.50E-02	—	pCi/L	U	U	08-1326	CAPA-08-13069	GELC
Bulldog Spring	—	—	10/08/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0154	2.43E-03	4.30E-02	—	pCi/L	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	7.33E-04	3.60E-02	—	pCi/L	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	09/12/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00676	1.30E-03	3.80E-02	—	pCi/L	U	U	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	—	06/10/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00632	1.07E-03	3.20E-02	—	pCi/L	U	U	08-1326	CAPA-08-13071	GELC
Bulldog Spring	—	—	09/12/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-1.93	6.00E+00	6.50E+01	—	pCi/L	U	U	08-1933	CAPA-08-14927	GELC
Bulldog Spring	—	—	06/10/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	6.64	5.00E+00	2.40E+01	—	pCi/L	U	U	08-1326	CAPA-08-13069	GELC
Bulldog Spring	—	—	10/08/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	4.44	5.67E+00	5.50E+01	—	pCi/L	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	6.25	6.33E+00	6.70E+01	—	pCi/L	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	09/12/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	19.5	4.67E+00	5.30E+01	—	pCi/L	U	U	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	—	06/10/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	54.2	5.33E+00	4.60E+01	—	pCi/L	UI	R	08-1326	CAPA-08-13071	GELC
Bulldog Spring	—	—	09/12/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.504	4.00E-01	4.00E+00	—	pCi/L	U	U	08-1933	CAPA-08-14927	GELC
Bulldog Spring	—	—	06/10/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.17	4.00E-01	4.40E+00	—	pCi/L	U	U	08-1326	CAPA-08-13069	GELC
Bulldog Spring	—	—	10/08/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.403	3.30E-01	3.50E+00	—	pCi/L	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.99	4.00E-01	4.50E+00	—	pCi/L	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	09/12/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.02	4.67E-01	4.50E+00	—	pCi/L	U	U	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	—	06/10/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.344	4.33E-01	4.30E+00	—	pCi/L	U	U	08-1326	CAPA-08-13071	GELC
Bulldog Spring	—	—	09/12/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.123	5.00E-02	5.00E-01	—	pCi/L	U	U	08-1933	CAPA-08-14927	GELC
Bulldog Spring	—	—	06/10/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.258	4.33E-02	4.10E-01	—	pCi/L	U	U	08-1326	CAPA-08-13069	GELC
Bulldog Spring	—	—	10/08/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.135	4.33E-02	4.40E-01	—	pCi/L	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.107	4.00E-02	4.00E-01	—	pCi/L	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	09/12/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.271	5.33E-02	5.20E-01	—	pCi/L	U	U	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	—	06/10/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0787	3.67E-02	4.50E-01	—	pCi/L	U	U	08-1326	CAPA-08-13071	GELC
Bulldog Spring	—	—	09/12/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.187	1.60E-02	2.40E-01	—	pCi/L	U	U	08-1933	CAPA-08-14927	GELC
Bulldog Spring	—	—	06/10/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.116	9.33E-03	2.10E-01	—	pCi/L	U	U	08-1326	CAPA-08-13069	GELC
Bulldog Spring	—	—	10/08/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.136	6.33E-03	3.50E-02	—	pCi/L	—	—	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.267	1.07E-02	8.30E-02	—	pCi/L	—	—	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	09/12/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.201	1.33E-02	1.90E-01	—	pCi/L	—	—	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	—	06/10/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.132	9.33E-03	1.50E-01	—	pCi/L	U	U	08-1326	CAPA-08-13071	GELC
Bulldog Spring	—	—	09/12/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00857	7.67E-03	1.30E-01	—	pCi/L	U	U	08-1933	CAPA-08-14927	GELC
Bulldog Spring	—	—	06/10/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00717	3.33E-03	1.10E-01	—	pCi/L	U	U	08-1326	CAPA-08-13069	GELC
Bulldog Spring	—	—	10/08/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00516	1.23E-03	2.70E-02	—	pCi/L	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00864	4.00E-03	4.20E-02	—	pCi/L	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	09/12/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.0134	4.00E-03	1.00E-01	—	pCi/L	U	U	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	—	06/10/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	3.33E-03	7.70E-02	—	pCi/L	U	U	08-1326	CAPA-08-13071	GELC
Bulldog Spring	—	—	09/12/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.201	1.40E-02	1.30E-01	—	pCi/L	—	—	08-1933	CAPA-08-14927	GELC
Bulldog Spring	—	—	06/10/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0464	6.67E-03	1.30E-01	—	pCi/L	U	U	08-1326	CAPA-08-13069	GELC
Bulldog Spring	—	—	10/08/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.125	6.33E-03	2.10E-02	—	pCi/L	—	—	11-94	CAPA-10-26883	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.226	1.00E-02	5.00E-02	—	pCi/L	—	—	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	09/12/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.157	1.07E-02	9.80E-02	—	pCi/L	—	—	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	—	06/10/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0828	7.33E-03	9.10E-02	—	pCi/L	U	U	08-1326	CAPA-08-13071	GELC
CDBO-6	5281	34	10/15/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.3	—	—	7.30E-01	mg/L	—	—	11-174	CAPA-10-27424	GELC
CDBO-6	5281	34	08/02/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.5	—	—	7.30E-01	mg/L	—	—	10-3951	CAPA-10-24063	GELC
CDBO-6	5281	34	06/01/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.1	—	—	7.30E-01	mg/L	—	—	10-3287	CAPA-10-18088	GELC
CDBO-6	5281	34	12/16/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.9	—	—	7.30E-01	mg/L	—	—	10-973	CAPA-10-6094	GELC
CDBO-6	5281	34	08/14/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.2	—	—	7.30E-01	mg/L	—	—	09-2899	CAMO-09-9480	GELC
CDBO-6	5281	34	10/15/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.024	—	—	1.60E-02	mg/L	J	J	11-174	CAPA-10-27424	GELC
CDBO-6	5281	34	08/02/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	UJ	10-3951	CAPA-10-24063	GELC
CDBO-6	5281	34	06/01/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	U	10-3287	CAPA-10-18088	GELC
CDBO-6	5281	34	12/16/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.047	—	—	1.60E-02	mg/L	J	U	10-973	CAPA-10-6094	GELC
CDBO-6	5281	34	08/14/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.0178	—	—	1.60E-02	mg/L	J	U	09-2899	CAMO-09-9480	GELC
CDBO-6	5281	34	10/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.102	—	—	6.60E-02	mg/L	J	J	11-174	CAPA-10-27424	GELC
CDBO-6	5281	34	08/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	U	10-3951	CAPA-10-24063	GELC
CDBO-6	5281	34	06/01/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	U	10-3287	CAPA-10-18088	GELC
CDBO-6	5281	34	12/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	U	10-973	CAPA-10-6094	GELC
CDBO-6	5281	34	08/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	U	09-2899	CAMO-09-9480	GELC
CDBO-6	5281	34	10/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	25.4	—	—	1.30E-01	mg/L	—	J+	11-174	CAPA-10-27424	GELC
CDBO-6	5281	34	08/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	25	—	—	1.30E-01	mg/L	—	J+	10-3951	CAPA-10-24063	GELC
CDBO-6	5281	34	06/01/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	20.8	—	—	3.30E-01	mg/L	—	—	10-3287	CAPA-10-18088	GELC
CDBO-6	5281	34	12/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	21.4	—	—	3.30E-01	mg/L	—	J+	10-973	CAPA-10-6094	GELC
CDBO-6	5281	34	08/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	22.9	—	—	1.30E-01	mg/L	—	J+	09-2899	CAMO-09-9480	GELC
CDBO-6	5281	34	10/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.171	—	—	3.30E-02	mg/L	—	—	11-174	CAPA-10-27424	GELC
CDBO-6	5281	34	08/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.183	—	—	3.30E-02	mg/L	—	—	10-3951	CAPA-10-24063	GELC
CDBO-6	5281	34	06/01/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.169	—	—	3.30E-02	mg/L	—	J-	10-3287	CAPA-10-18088	GELC
CDBO-6	5281	34	12/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.361	—	—	3.30E-02	mg/L	—	—	10-973	CAPA-10-6094	GELC
CDBO-6	5281	34	08/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.34	—	—	3.30E-02	mg/L	—	—	09-2899	CAMO-09-9480	GELC
CDBO-6	5281	34	10/15/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.266	—	—	5.00E-02	ug/L	—	—	11-174	CAPA-10-27424	GELC
CDBO-6	5281	34	08/02/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.286	—	—	5.00E-02	ug/L	—	—	10-3951	CAPA-10-24063	GELC
CDBO-6	5281	34	06/01/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.331	—	—	5.00E-02	ug/L	—	—	10-3287	CAPA-10-18088	GELC
CDBO-6	5281	34	12/16/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.298	—	—	5.00E-02	ug/L	—	—	10-973	CAPA-10-6094	GELC
CDBO-6	5281	34	08/14/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.302	—	—	5.00E-02	ug/L	—	—	09-2899	CAMO-09-9480	GELC
CDBO-6	5281	34	10/15/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	228	—	—	1.00E+00	uS/cm	—	—	11-174	CAPA-10-27424	GELC
CDBO-6	5281	34	08/02/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	222	—	—	1.00E+00	uS/cm	—	—	10-3951	CAPA-10-24063	GELC
CDBO-6	5281	34	06/01/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	223	—	—	1.00E+00	uS/cm	—	—	10-3287	CAPA-10-18088	GELC
CDBO-6	5281	34	12/16/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	220	—	—	1.00E+00	uS/cm	—	—	10-973	CAPA-10-6094	GELC
CDBO-6	5281	34	08/14/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	221	—	—	1.00E+00	uS/cm	—	—	09-2899	CAMO-09-9480	GELC
CDBO-6	5281	34	10/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.16	—	—	1.00E-01	mg/L	—	—	11-174	CAPA-10-27424	GELC
CDBO-6	5281	34	08/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.77	—	—	1.00E-01	mg/L	—	—	10-3951	CAPA-10-24063	GELC
CDBO-6	5281	34	06/01/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.72	—	—	1.00E-01	mg/L	—	—	10-3287	CAPA-10-18088	GELC
CDBO-6	5281	34	12/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.68	—	—	1.00E-01	mg/L	—	—	10-973	CAPA-10-6094	GELC
CDBO-6	5281	34	08/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.96	—	—	1.00E-01	mg/L	—	—	09-2899	CAMO-09-9480	GELC
CDBO-6	5281	34	10/15/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	174	—	—	2.40E+00	mg/L	—	—	11-174	CAPA-10-27424	GELC
CDBO-6	5281	34	08/02/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	174	—	—	2.40E+00	mg/L	—	—	10-3951	CAPA-10-24063	GELC
CDBO-6	5281	34	06/01/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	192	—	—	2.40E+00	mg/L	—	J	10-3287	CAPA-10-18088	GELC
CDBO-6	5281	34	12/16/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	186	—	—	2.40E+00	mg/L	—	—	10-973	CAPA-10-6094	GELC
CDBO-6	5281	34	08/14/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	189	—	—	2.40E+00	mg/L	—	J	09-2899	CAMO-09-9480	GELC
CDBO-6	5281	34	10/15/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.48	—	—	3.30E-01	mg/L	—	—	11-174	CAPA-10-27425	GELC
CDBO-6	5281	34	08/02/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.5	—	—	3.30E-01	mg/L	—	—	10-3951	CAPA-10-24065	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
CDBO-6	5281	34	06/01/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.36	—	—	3.30E-01	mg/L	—	—	10-3287	CAPA-10-18089	GELC
CDBO-6	5281	34	12/16/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.22	—	—	3.30E-01	mg/L	—	—	10-973	CAPA-10-6093	GELC
CDBO-6	5281	34	08/14/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.44	—	—	3.30E-01	mg/L	—	—	09-2898	CAMO-09-9478	GELC
CDBO-6	5281	34	10/15/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.187	—	—	1.50E-02	mg/L	—	—	11-174	CAPA-10-27424	GELC
CDBO-6	5281	34	08/02/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.191	—	—	1.50E-02	mg/L	—	J	10-3951	CAPA-10-24063	GELC
CDBO-6	5281	34	06/01/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.201	—	—	1.50E-02	mg/L	—	J	10-3287	CAPA-10-18088	GELC
CDBO-6	5281	34	12/16/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.138	—	—	1.50E-02	mg/L	—	U	10-973	CAPA-10-6094	GELC
CDBO-6	5281	34	08/14/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.224	—	—	1.50E-02	mg/L	—	—	09-2899	CAMO-09-9480	GELC
CDBO-6	5281	34	10/15/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.68	—	—	1.00E-02	SU	H	J-	11-174	CAPA-10-27424	GELC
CDBO-6	5281	34	08/02/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.93	—	—	1.00E-02	SU	H	J-	10-3951	CAPA-10-24063	GELC
CDBO-6	5281	34	06/01/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.01	—	—	1.00E-02	SU	H	J-	10-3287	CAPA-10-18088	GELC
CDBO-6	5281	34	12/16/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.02	—	—	1.00E-02	SU	H	J-	10-973	CAPA-10-6094	GELC
CDBO-6	5281	34	08/14/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.85	—	—	1.00E-02	SU	H	J-	09-2899	CAMO-09-9480	GELC
CDBO-6	5281	34	10/15/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	58	—	—	5.30E-02	mg/L	—	—	11-174	CAPA-10-27424	GELC
CDBO-6	5281	34	08/02/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	59.2	—	—	5.30E-02	mg/L	—	—	10-3951	CAPA-10-24063	GELC
CDBO-6	5281	34	06/01/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	57.2	—	—	5.30E-02	mg/L	—	—	10-3287	CAPA-10-18088	GELC
CDBO-6	5281	34	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	57.6	—	—	5.30E-02	mg/L	—	—	10-973	CAPA-10-6094	GELC
CDBO-6	5281	34	08/14/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	56.6	—	—	5.30E-02	mg/L	—	—	09-2899	CAMO-09-9480	GELC
Kieling Spring	—	—	10/08/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.9	—	—	7.30E-01	mg/L	—	—	11-95	CAPA-10-26885	GELC
Kieling Spring	—	—	09/15/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68	—	—	7.30E-01	mg/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	03/06/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	62.3	—	—	7.30E-01	mg/L	—	—	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	12/10/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	75.8	—	—	7.30E-01	mg/L	—	—	09-484	CAPA-09-1101	GELC
Kieling Spring	—	—	10/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.7	—	—	5.00E-02	mg/L	—	—	11-95	CAPA-10-26885	GELC
Kieling Spring	—	—	09/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	19	—	—	5.00E-02	mg/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	03/06/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.8	—	—	3.00E-02	mg/L	—	—	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	10/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.9	—	—	5.00E-02	mg/L	—	—	11-95	CAPA-10-26884	GELC
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.6	—	—	5.00E-02	mg/L	—	—	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	03/06/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.2	—	—	3.00E-02	mg/L	—	—	09-1141	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.7	—	—	3.00E-02	mg/L	—	—	09-485	CAPA-09-1100	GELC
Kieling Spring	—	—	10/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	21.2	—	—	1.30E-01	mg/L	—	J+	11-95	CAPA-10-26885	GELC
Kieling Spring	—	—	09/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	17.6	—	—	3.30E-01	mg/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	03/06/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	34.8	—	—	1.30E-01	mg/L	—	J+	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	12/10/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	25.4	—	—	1.30E-01	mg/L	—	J-	09-484	CAPA-09-1101	GELC
Kieling Spring	—	—	10/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.126	—	—	3.30E-02	mg/L	—	—	11-95	CAPA-10-26885	GELC
Kieling Spring	—	—	09/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.278	—	—	3.30E-02	mg/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	09/15/09	WG	F	RE	—	Geninorg	EPA:300.0	Fluoride	—	0.253	—	—	3.30E-02	mg/L	H	J-	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	03/06/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.154	—	—	3.30E-02	mg/L	—	—	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	12/10/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.173	—	—	3.30E-02	mg/L	—	—	09-484	CAPA-09-1101	GELC
Kieling Spring	—	—	10/08/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	68.5	—	—	3.50E-01	mg/L	—	—	11-95	CAPA-10-26885	GELC
Kieling Spring	—	—	09/15/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	69.8	—	—	3.50E-01	mg/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	03/06/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	80.2	—	—	3.50E-01	mg/L	—	—	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	10/08/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	62.5	—	—	3.50E-01	mg/L	—	—	11-95	CAPA-10-26884	GELC
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	68.6	—	—	3.50E-01	mg/L	—	—	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	03/06/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	82	—	—	3.50E-01	mg/L	—	—	09-1141	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	87.4	—	—	3.50E-01	mg/L	—	—	09-485	CAPA-09-1100	GELC
Kieling Spring	—	—	10/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.3	—	—	8.50E-02	mg/L	—	—	11-95	CAPA-10-26885	GELC
Kieling Spring	—	—	09/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.41	—	—	8.50E-02	mg/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	03/06/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.23	—	—	8.50E-02	mg/L	—	—	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	10/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.91	—	—	8.50E-02	mg/L	—	—	11-95	CAPA-10-26884	GELC
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.37	—	—	8.50E-02	mg/L	—	—	09-3236	CAPA-09-12107	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Kieling Spring	—	—	03/06/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.43	—	—	8.50E-02	mg/L	—	—	09-1141	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.86	—	—	8.50E-02	mg/L	—	—	09-485	CAPA-09-1100	GELC
Kieling Spring	—	—	10/08/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.63	—	—	5.00E-02	mg/L	—	—	11-95	CAPA-10-26885	GELC
Kieling Spring	—	—	09/15/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.905	—	—	5.00E-02	mg/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	03/06/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.13	—	—	5.00E-02	mg/L	—	—	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	12/10/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.36	—	—	5.00E-02	mg/L	—	—	09-484	CAPA-09-1101	GELC
Kieling Spring	—	—	09/12/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.05	—	—	5.00E-02	mg/L	—	—	08-1932	CAPA-08-14920	GELC
Kieling Spring	—	—	10/08/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.479	—	—	5.00E-02	ug/L	—	—	11-95	CAPA-10-26885	GELC
Kieling Spring	—	—	09/15/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.474	—	—	5.00E-02	ug/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	03/06/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.563	—	—	5.00E-02	ug/L	—	J	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	12/10/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.804	—	—	5.00E-02	ug/L	—	—	09-484	CAPA-09-1101	GELC
Kieling Spring	—	—	10/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.33	—	—	5.00E-02	mg/L	—	—	11-95	CAPA-10-26885	GELC
Kieling Spring	—	—	09/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.12	—	—	5.00E-02	mg/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	03/06/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.27	—	—	5.00E-02	mg/L	E	—	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	10/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.06	—	—	5.00E-02	mg/L	—	J	11-95	CAPA-10-26884	GELC
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.1	—	—	5.00E-02	mg/L	—	—	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	03/06/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.51	—	—	5.00E-02	mg/L	E	—	09-1141	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.3	—	—	5.00E-02	mg/L	—	—	09-485	CAPA-09-1100	GELC
Kieling Spring	—	—	10/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.1	—	—	1.00E-01	mg/L	—	J+	11-95	CAPA-10-26885	GELC
Kieling Spring	—	—	09/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	21.6	—	—	1.00E-01	mg/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	03/06/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	24	—	—	4.50E-02	mg/L	—	—	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	10/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.2	—	—	1.00E-01	mg/L	—	J+	11-95	CAPA-10-26884	GELC
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.6	—	—	1.00E-01	mg/L	—	—	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	03/06/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	24.1	—	—	4.50E-02	mg/L	—	—	09-1141	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	21.4	—	—	4.50E-02	mg/L	—	—	09-485	CAPA-09-1100	GELC
Kieling Spring	—	—	10/08/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	227	—	—	1.00E+00	uS/cm	—	—	11-95	CAPA-10-26885	GELC
Kieling Spring	—	—	09/15/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	245	—	—	1.00E+00	uS/cm	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	03/06/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	275	—	—	1.00E+00	uS/cm	—	—	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	10/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.57	—	—	1.00E-01	mg/L	—	—	11-95	CAPA-10-26885	GELC
Kieling Spring	—	—	09/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.28	—	—	1.00E-01	mg/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	03/06/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.39	—	—	1.00E-01	mg/L	—	—	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	12/10/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	11.9	—	—	1.00E-01	mg/L	—	J-	09-484	CAPA-09-1101	GELC
Kieling Spring	—	—	10/08/10	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	2.4	—	—	1.10E+00	mg/L	J	J	11-95	CAPA-10-26884	GELC
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	5	—	—	1.10E+00	mg/L	U	U	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	03/06/09	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	4.4	—	—	1.10E+00	mg/L	J	J	09-1141	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/08	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	16.8	—	—	1.10E+00	mg/L	—	—	09-484	CAPA-09-1100	GELC
Kieling Spring	—	—	09/12/08	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	5	—	—	1.10E+00	mg/L	U	U	08-1932	CAPA-08-14918	GELC
Kieling Spring	—	—	10/08/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	163	—	—	2.40E+00	mg/L	—	—	11-95	CAPA-10-26885	GELC
Kieling Spring	—	—	09/15/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	155	—	—	2.40E+00	mg/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	03/06/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	174	—	—	2.40E+00	mg/L	—	—	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	12/10/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	180	—	—	2.40E+00	mg/L	—	—	09-484	CAPA-09-1101	GELC
Kieling Spring	—	—	10/08/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.2	—	—	3.30E-01	mg/L	—	J	11-95	CAPA-10-26884	GELC
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.93	—	—	3.30E-01	mg/L	—	—	09-3235	CAPA-09-12107	GELC
Kieling Spring	—	—	03/06/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.13	—	—	3.30E-01	mg/L	—	J	09-1140	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.04	—	—	3.30E-01	mg/L	—	—	09-484	CAPA-09-1100	GELC
Kieling Spring	—	—	09/12/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.02	—	—	3.30E-01	mg/L	—	—	08-1932	CAPA-08-14918	GELC
Kieling Spring	—	—	10/08/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.43	—	—	1.00E-02	SU	H	J-	11-95	CAPA-10-26885	GELC
Kieling Spring	—	—	09/15/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.41	—	—	1.00E-02	SU	H	J-	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	03/06/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.57	—	—	1.00E-02	SU	H	J-	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	10/08/10	WG	UF	CS	—	Hexp	SW-846:8321A	HMX	—	0.12	—	—	1.00E-01	ug/L	J	J	11-94	CAPA-10-26884	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Kieling Spring	—	—	03/10/10	WG	UF	CS	—	Hexp	SW-846:8321A	HMX	—	0.27	—	—	2.60E-02	ug/L	—	—	10-2411	CAPA-10-12706	STSL
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Hexp	SW-846:8321A	HMX	—	0.122	—	—	1.00E-01	ug/L	J	J	09-3235	CAPA-09-12107	GELC
Kieling Spring	—	—	06/03/09	WG	UF	CS	—	Hexp	SW-846:8321A	HMX	—	0.125	—	—	1.00E-01	ug/L	J	J	09-2165	CAPA-09-9308	GELC
Kieling Spring	—	—	10/08/10	WG	UF	CS	—	Hexp	SW-846:8321A	RDX	—	0.118	—	—	1.00E-01	ug/L	J	J	11-94	CAPA-10-26884	GELC
Kieling Spring	—	—	03/10/10	WG	UF	CS	—	Hexp	SW-846:8321A	RDX	—	0.14	—	—	5.90E-02	ug/L	J	J-	10-2411	CAPA-10-12706	STSL
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Hexp	SW-846:8321A	RDX	—	0.114	—	—	1.00E-01	ug/L	J	J	09-3235	CAPA-09-12107	GELC
Kieling Spring	—	—	06/03/09	WG	UF	CS	—	Hexp	SW-846:8321A	RDX	<	0.325	—	—	1.30E-01	ug/L	U	U	09-2165	CAPA-09-9308	GELC
Kieling Spring	—	—	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	346	—	—	6.80E+01	ug/L	—	—	11-95	CAPA-10-26885	GELC
Kieling Spring	—	—	09/15/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	424	—	—	6.80E+01	ug/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	03/06/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	625	—	—	6.80E+01	ug/L	—	—	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	553	—	—	6.80E+01	ug/L	—	—	11-95	CAPA-10-26884	GELC
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	716	—	—	6.80E+01	ug/L	—	—	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	03/06/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	2650	—	—	6.80E+01	ug/L	—	—	09-1141	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	220	—	—	6.80E+01	ug/L	—	—	09-485	CAPA-09-1100	GELC
Kieling Spring	—	—	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	68.9	—	—	1.00E+00	ug/L	—	—	11-95	CAPA-10-26885	GELC
Kieling Spring	—	—	09/15/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	70.2	—	—	1.00E+00	ug/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	03/06/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	78.6	—	—	1.00E+00	ug/L	—	—	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	67	—	—	1.00E+00	ug/L	—	—	11-95	CAPA-10-26884	GELC
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	70.4	—	—	1.00E+00	ug/L	—	—	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	03/06/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	87.3	—	—	1.00E+00	ug/L	—	—	09-1141	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	75.8	—	—	1.00E+00	ug/L	—	—	09-485	CAPA-09-1100	GELC
Kieling Spring	—	—	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	18.4	—	—	1.50E+01	ug/L	J	J	11-95	CAPA-10-26885	GELC
Kieling Spring	—	—	09/15/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	22.8	—	—	1.50E+01	ug/L	J	U	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	03/06/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	23.3	—	—	1.00E+01	ug/L	J	U	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	17	—	—	1.50E+01	ug/L	J	J	11-95	CAPA-10-26884	GELC
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	21.8	—	—	1.50E+01	ug/L	J	U	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	03/06/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	24.8	—	—	1.00E+01	ug/L	J	U	09-1141	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	14.5	—	—	1.00E+01	ug/L	J	—	09-485	CAPA-09-1100	GELC
Kieling Spring	—	—	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	186	—	—	3.00E+01	ug/L	—	—	11-95	CAPA-10-26885	GELC
Kieling Spring	—	—	09/15/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	213	—	—	3.00E+01	ug/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	03/06/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	291	—	—	2.50E+01	ug/L	—	U	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	313	—	—	3.00E+01	ug/L	—	—	11-95	CAPA-10-26884	GELC
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	373	—	—	3.00E+01	ug/L	—	—	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	03/06/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1320	—	—	2.50E+01	ug/L	—	—	09-1141	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	129	—	—	2.50E+01	ug/L	—	—	09-485	CAPA-09-1100	GELC
Kieling Spring	—	—	09/15/09	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	03/06/09	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	10/08/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.504	—	—	5.00E-01	ug/L	J	J	11-95	CAPA-10-26884	GELC
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	03/06/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1	—	—	5.00E-01	ug/L	J	J	09-1141	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/08	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-485	CAPA-09-1100	GELC
Kieling Spring	—	—	09/15/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	4.66	—	—	2.00E+00	ug/L	J	J	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	03/06/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.9	—	—	2.00E+00	ug/L	J	J	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.96	—	—	2.00E+00	ug/L	J	J	11-95	CAPA-10-26884	GELC
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.99	—	—	2.00E+00	ug/L	J	J	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	03/06/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	14.2	—	—	2.00E+00	ug/L	—	—	09-1141	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.4	—	—	2.00E+00	ug/L	J	—	09-485	CAPA-09-1100	GELC
Kieling Spring	—	—	10/08/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.537	—	—	1.00E-01	ug/L	—	—	11-95	CAPA-10-26885	GELC
Kieling Spring	—	—	09/15/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.897	—	—	1.00E-01	ug/L	—	U	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	03/06/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.55	—	—	1.00E-01	ug/L	—	U	09-1141	CAPA-09-4082	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Kieling Spring	—	—	10/08/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.535	—	—	1.00E-01	ug/L	—	—	11-95	CAPA-10-26884	GELC
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.905	—	—	1.00E-01	ug/L	—	U	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	03/06/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.62	—	—	1.00E-01	ug/L	—	U	09-1141	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.71	—	—	1.00E-01	ug/L	—	U	09-485	CAPA-09-1100	GELC
Kieling Spring	—	—	10/08/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.758	—	—	5.00E-01	ug/L	J	J	11-95	CAPA-10-26885	GELC
Kieling Spring	—	—	09/15/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.904	—	—	5.00E-01	ug/L	J	J	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	03/06/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.74	—	—	5.00E-01	ug/L	J	J	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	10/08/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.88	—	—	5.00E-01	ug/L	J	J	11-95	CAPA-10-26884	GELC
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.815	—	—	5.00E-01	ug/L	J	J	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	03/06/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	5.00E-01	ug/L	J	J	09-1141	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.72	—	—	5.00E-01	ug/L	J	—	09-485	CAPA-09-1100	GELC
Kieling Spring	—	—	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	36.1	—	—	5.30E-02	mg/L	—	—	11-95	CAPA-10-26885	GELC
Kieling Spring	—	—	09/15/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	40.9	—	—	5.30E-02	mg/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	03/06/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	40.1	—	—	3.20E-02	mg/L	—	—	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	12/10/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	38	—	—	3.20E-02	mg/L	—	—	09-484	CAPA-09-1101	GELC
Kieling Spring	—	—	10/08/10	WG	F	CS	—	Metals	SW-846:6020	Silver	—	0.21	—	—	2.00E-01	ug/L	J	J	11-95	CAPA-10-26885	GELC
Kieling Spring	—	—	09/15/09	WG	F	CS	—	Metals	SW-846:6020	Silver	—	0.224	—	—	2.00E-01	ug/L	J	J	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	03/06/09	WG	F	CS	—	Metals	SW-846:6020	Silver	<	1	—	—	2.00E-01	ug/L	U	U	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	10/08/10	WG	UF	CS	—	Metals	SW-846:6020	Silver	—	0.282	—	—	2.00E-01	ug/L	J	J	11-95	CAPA-10-26884	GELC
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Metals	SW-846:6020	Silver	—	0.362	—	—	2.00E-01	ug/L	J	J	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	03/06/09	WG	UF	CS	—	Metals	SW-846:6020	Silver	—	0.58	—	—	2.00E-01	ug/L	J	J	09-1141	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/08	WG	UF	CS	—	Metals	SW-846:6020	Silver	<	1	—	—	2.00E-01	ug/L	U	U	09-485	CAPA-09-1100	GELC
Kieling Spring	—	—	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	124	—	—	1.00E+00	ug/L	—	—	11-95	CAPA-10-26885	GELC
Kieling Spring	—	—	09/15/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	127	—	—	1.00E+00	ug/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	03/06/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	137	—	—	1.00E+00	ug/L	—	—	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	112	—	—	1.00E+00	ug/L	—	—	11-95	CAPA-10-26884	GELC
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	123	—	—	1.00E+00	ug/L	—	—	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	03/06/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	140	—	—	1.00E+00	ug/L	—	—	09-1141	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	148	—	—	1.00E+00	ug/L	—	—	09-485	CAPA-09-1100	GELC
Kieling Spring	—	—	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.19	—	—	1.00E+00	ug/L	J	J	11-95	CAPA-10-26885	GELC
Kieling Spring	—	—	09/15/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.59	—	—	1.00E+00	ug/L	J	J	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	03/06/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.4	—	—	1.00E+00	ug/L	J	J	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.27	—	—	1.00E+00	ug/L	J	J	11-95	CAPA-10-26884	GELC
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.86	—	—	1.00E+00	ug/L	J	J	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	03/06/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.9	—	—	1.00E+00	ug/L	J	J	09-1141	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.3	—	—	1.00E+00	ug/L	J	—	09-485	CAPA-09-1100	GELC
Kieling Spring	—	—	09/12/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0305	4.00E-03	2.70E-02	—	pCi/L	—	U	08-1933	CAPA-08-14920	GELC
Kieling Spring	—	—	06/10/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0115	2.50E-03	3.60E-02	—	pCi/L	U	U	08-1326	CAPA-08-13063	GELC
Kieling Spring	—	—	03/11/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0227	3.67E-03	4.60E-02	—	pCi/L	U	U	08-789	CAPA-08-10979	GELC
Kieling Spring	—	—	10/08/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000654	1.90E-03	3.90E-02	—	pCi/L	U	U	11-94	CAPA-10-26884	GELC
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00695	1.37E-03	2.90E-02	—	pCi/L	U	U	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	09/12/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0108	3.10E-03	3.40E-02	—	pCi/L	U	U	08-1933	CAPA-08-14918	GELC
Kieling Spring	—	—	06/10/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00935	3.00E-03	4.10E-02	—	pCi/L	U	U	08-1326	CAPA-08-13062	GELC
Kieling Spring	—	—	03/11/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0214	3.67E-03	4.10E-02	—	pCi/L	U	U	08-789	CAPA-08-10981	GELC
Kieling Spring	—	—	09/12/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.931	5.00E-01	5.20E+00	—	pCi/L	U	U	08-1933	CAPA-08-14920	GELC
Kieling Spring	—	—	06/10/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.32	4.33E-01	4.00E+00	—	pCi/L	U	U	08-1326	CAPA-08-13063	GELC
Kieling Spring	—	—	03/11/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.417	3.67E-01	3.60E+00	—	pCi/L	U	U	08-789	CAPA-08-10979	GELC
Kieling Spring	—	—	10/08/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.64	5.00E-01	4.70E+00	—	pCi/L	U	U	11-94	CAPA-10-26884	GELC
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.73	4.33E-01	4.10E+00	—	pCi/L	U	U	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	09/12/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.232	4.00E-01	3.90E+00	—	pCi/L	U	U	08-1933	CAPA-08-14918	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Kieling Spring	—	—	06/10/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.1	4.33E-01	4.60E+00	—	pCi/L	U	U	08-1326	CAPA-08-13062	GELC
Kieling Spring	—	—	03/11/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.202	7.33E-01	5.80E+00	—	pCi/L	U	U	08-789	CAPA-08-10981	GELC
Kieling Spring	—	—	09/12/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-4.6	5.33E-01	3.20E+00	—	pCi/L	U	U	08-1933	CAPA-08-14920	GELC
Kieling Spring	—	—	06/10/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.587	4.00E-01	3.80E+00	—	pCi/L	U	U	08-1326	CAPA-08-13063	GELC
Kieling Spring	—	—	03/11/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.37	4.00E-01	3.70E+00	—	pCi/L	U	U	08-789	CAPA-08-10979	GELC
Kieling Spring	—	—	10/08/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.89	3.67E-01	4.40E+00	—	pCi/L	U	U	11-94	CAPA-10-26884	GELC
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.5	4.33E-01	4.50E+00	—	pCi/L	U	U	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	09/12/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.195	4.67E-01	4.40E+00	—	pCi/L	U	U	08-1933	CAPA-08-14918	GELC
Kieling Spring	—	—	06/10/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.45	4.67E-01	4.00E+00	—	pCi/L	U	U	08-1326	CAPA-08-13062	GELC
Kieling Spring	—	—	03/11/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	3.08	5.00E-01	5.50E+00	—	pCi/L	U	U	08-789	CAPA-08-10981	GELC
Kieling Spring	—	—	09/04/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	1.02	2.13E-01	1.84E+00	—	pCi/L	U	U	193122	GF070800GSLK01	GELC
Kieling Spring	—	—	07/10/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.6	1.49E-01	1.53E+00	—	pCi/L	U	U	189433	GF070600GSLK01	GELC
Kieling Spring	—	—	03/26/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	—	5.78	4.30E-01	2.30E+00	—	pCi/L	—	J	183217	GF070300GSLK01	GELC
Kieling Spring	—	—	10/08/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.568	1.90E-01	2.20E+00	—	pCi/L	U	U	11-94	CAPA-10-26884	GELC
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.24	3.07E-01	2.20E+00	—	pCi/L	—	U	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	09/04/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	4.27	4.50E-01	2.72E+00	—	pCi/L	—	J	193122	GU070800GSLK01	GELC
Kieling Spring	—	—	07/10/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.05	1.72E-01	1.47E+00	—	pCi/L	U	U	189433	GU070600GSLK01	GELC
Kieling Spring	—	—	03/26/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	4.04	3.83E-01	2.57E+00	—	pCi/L	—	J	183217	GU070300GSLK01	GELC
Kieling Spring	—	—	09/04/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.11	2.60E-01	2.30E+00	—	pCi/L	U	U	193122	GF070800GSLK01	GELC
Kieling Spring	—	—	07/10/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.2	3.09E-01	2.88E+00	—	pCi/L	U	U	189433	GF070600GSLK01	GELC
Kieling Spring	—	—	03/26/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	6.4	4.13E-01	3.15E+00	—	pCi/L	—	J	183217	GF070300GSLK01	GELC
Kieling Spring	—	—	10/08/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.28	3.03E-01	2.30E+00	—	pCi/L	—	—	11-94	CAPA-10-26884	GELC
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.14	2.90E-01	2.60E+00	—	pCi/L	U	U	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	09/04/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.79	3.67E-01	2.76E+00	—	pCi/L	—	J	193122	GU070800GSLK01	GELC
Kieling Spring	—	—	07/10/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.42	3.08E-01	2.83E+00	—	pCi/L	U	U	189433	GU070600GSLK01	GELC
Kieling Spring	—	—	03/26/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	7.31	4.63E-01	3.22E+00	—	pCi/L	—	J	183217	GU070300GSLK01	GELC
Kieling Spring	—	—	09/12/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	17.1	5.00E+00	2.20E+01	—	pCi/L	U	U	08-1933	CAPA-08-14920	GELC
Kieling Spring	—	—	06/10/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	21.3	5.33E+00	4.60E+01	—	pCi/L	U	U	08-1326	CAPA-08-13063	GELC
Kieling Spring	—	—	03/11/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	152	3.00E+01	4.60E+02	—	pCi/L	U	U	08-789	CAPA-08-10979	GELC
Kieling Spring	—	—	10/08/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	31	7.00E+00	4.00E+01	—	pCi/L	U	U	11-94	CAPA-10-26884	GELC
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	149	1.33E+01	1.30E+02	—	pCi/L	—	—	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	09/12/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	9.31	2.67E+00	2.80E+01	—	pCi/L	U	U	08-1933	CAPA-08-14918	GELC
Kieling Spring	—	—	06/10/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	12.2	2.77E+00	1.90E+01	—	pCi/L	U	U	08-1326	CAPA-08-13062	GELC
Kieling Spring	—	—	03/11/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	156	3.33E+01	4.10E+02	—	pCi/L	U	U	08-789	CAPA-08-10981	GELC
Kieling Spring	—	—	09/12/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.39	3.67E+00	3.50E+01	—	pCi/L	U	U	08-1933	CAPA-08-14920	GELC
Kieling Spring	—	—	06/10/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	8.77	3.33E+00	3.50E+01	—	pCi/L	U	U	08-1326	CAPA-08-13063	GELC
Kieling Spring	—	—	03/11/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.1	3.10E+00	3.00E+01	—	pCi/L	U	U	08-789	CAPA-08-10979	GELC
Kieling Spring	—	—	10/08/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.02	8.33E-01	7.90E+00	—	pCi/L	U	U	11-94	CAPA-10-26884	GELC
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	24.2	3.33E+00	3.10E+01	—	pCi/L	U	U	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	09/12/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-13.1	2.90E+00	2.70E+01	—	pCi/L	U	U	08-1933	CAPA-08-14918	GELC
Kieling Spring	—	—	06/10/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-13.1	3.67E+00	3.40E+01	—	pCi/L	U	U	08-1326	CAPA-08-13062	GELC
Kieling Spring	—	—	03/11/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.48	2.40E+00	2.30E+01	—	pCi/L	U	U	08-789	CAPA-08-10981	GELC
Kieling Spring	—	—	09/12/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00753	1.40E-03	2.60E-02	—	pCi/L	U	U	08-1933	CAPA-08-14920	GELC
Kieling Spring	—	—	06/10/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00316	1.67E-03	1.90E-02	—	pCi/L	U	U	08-1326	CAPA-08-13063	GELC
Kieling Spring	—	—	03/11/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0114	2.23E-03	3.00E-02	—	pCi/L	U	U	08-789	CAPA-08-10979	GELC
Kieling Spring	—	—	10/08/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00629	1.20E-03	2.40E-02	—	pCi/L	U	U	11-94	CAPA-10-26884	GELC
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00169	8.00E-04	2.80E-02	—	pCi/L	U	U	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	09/12/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	1.12E-10	9.00E-04	2.60E-02	—	pCi/L	U	U	08-1933	CAPA-08-14918	GELC
Kieling Spring	—	—	06/10/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00666	1.77E-03	2.00E-02	—	pCi/L	U	U	08-1326	CAPA-08-13062	GELC
Kieling Spring	—	—	03/11/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.90E-03	3.30E-02	—	pCi/L	U	U	08-789	CAPA-08-10981	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Kieling Spring	—	—	09/12/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00564	1.67E-03	3.20E-02	—	pCi/L	U	U	08-1933	CAPA-08-14920	GELC
Kieling Spring	—	—	06/10/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00316	1.50E-03	2.60E-02	—	pCi/L	U	U	08-1326	CAPA-08-13063	GELC
Kieling Spring	—	—	03/11/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00814	1.80E-03	2.90E-02	—	pCi/L	U	U	08-789	CAPA-08-10979	GELC
Kieling Spring	—	—	10/08/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00629	1.87E-03	4.10E-02	—	pCi/L	U	U	11-94	CAPA-10-26884	GELC
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00169	5.67E-04	2.70E-02	—	pCi/L	U	U	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	09/12/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00751	1.77E-03	3.20E-02	—	pCi/L	U	U	08-1933	CAPA-08-14918	GELC
Kieling Spring	—	—	06/10/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0117	1.87E-03	2.70E-02	—	pCi/L	U	U	08-1326	CAPA-08-13062	GELC
Kieling Spring	—	—	03/11/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00721	1.70E-03	3.20E-02	—	pCi/L	U	U	08-789	CAPA-08-10981	GELC
Kieling Spring	—	—	09/12/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-1.13	6.33E+00	6.50E+01	—	pCi/L	U	U	08-1933	CAPA-08-14920	GELC
Kieling Spring	—	—	06/10/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-32.5	5.67E+00	5.00E+01	—	pCi/L	U	U	08-1326	CAPA-08-13063	GELC
Kieling Spring	—	—	03/11/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	54.6	6.00E+00	4.60E+01	—	pCi/L	UI	R	08-789	CAPA-08-10979	GELC
Kieling Spring	—	—	10/08/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-33.7	5.67E+00	5.60E+01	—	pCi/L	U	U	11-94	CAPA-10-26884	GELC
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	3.17	4.67E+00	5.00E+01	—	pCi/L	U	U	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	09/12/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	28.1	5.33E+00	4.40E+01	—	pCi/L	U	U	08-1933	CAPA-08-14918	GELC
Kieling Spring	—	—	06/10/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	26.8	5.33E+00	5.80E+01	—	pCi/L	U	U	08-1326	CAPA-08-13062	GELC
Kieling Spring	—	—	03/11/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	19	6.33E+00	6.60E+01	—	pCi/L	U	U	08-789	CAPA-08-10981	GELC
Kieling Spring	—	—	09/12/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.79	5.33E-01	4.60E+00	—	pCi/L	U	U	08-1933	CAPA-08-14920	GELC
Kieling Spring	—	—	06/10/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.156	3.03E-01	3.00E+00	—	pCi/L	U	U	08-1326	CAPA-08-13063	GELC
Kieling Spring	—	—	03/11/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.313	4.33E-01	4.20E+00	—	pCi/L	U	U	08-789	CAPA-08-10979	GELC
Kieling Spring	—	—	10/08/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.69	4.33E-01	4.70E+00	—	pCi/L	U	U	11-94	CAPA-10-26884	GELC
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.615	3.67E-01	3.40E+00	—	pCi/L	U	U	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	09/12/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.594	4.67E-01	4.40E+00	—	pCi/L	U	U	08-1933	CAPA-08-14918	GELC
Kieling Spring	—	—	06/10/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.602	4.00E-01	4.10E+00	—	pCi/L	U	U	08-1326	CAPA-08-13062	GELC
Kieling Spring	—	—	03/11/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.789	5.00E-01	4.40E+00	—	pCi/L	U	U	08-789	CAPA-08-10981	GELC
Kieling Spring	—	—	09/12/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.32	5.00E-02	4.80E-01	—	pCi/L	U	U	08-1933	CAPA-08-14920	GELC
Kieling Spring	—	—	06/10/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.00667	3.67E-02	4.10E-01	—	pCi/L	U	U	08-1326	CAPA-08-13063	GELC
Kieling Spring	—	—	03/11/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.383	5.00E-02	4.60E-01	—	pCi/L	U	U	08-789	CAPA-08-10979	GELC
Kieling Spring	—	—	10/08/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.122	4.67E-02	4.90E-01	—	pCi/L	U	U	11-94	CAPA-10-26884	GELC
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.196	4.33E-02	4.20E-01	—	pCi/L	U	U	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	09/12/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.298	5.00E-02	4.70E-01	—	pCi/L	U	U	08-1933	CAPA-08-14918	GELC
Kieling Spring	—	—	06/10/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.184	3.67E-02	4.50E-01	—	pCi/L	U	U	08-1326	CAPA-08-13062	GELC
Kieling Spring	—	—	03/11/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.206	4.00E-02	4.70E-01	—	pCi/L	U	U	08-789	CAPA-08-10981	GELC
Kieling Spring	—	—	09/12/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.159	6.67E-03	6.70E-02	—	pCi/L	—	—	08-1933	CAPA-08-14920	GELC
Kieling Spring	—	—	06/10/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0533	8.00E-03	1.70E-01	—	pCi/L	U	U	08-1326	CAPA-08-13063	GELC
Kieling Spring	—	—	03/11/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.16	6.33E-03	6.20E-02	—	pCi/L	—	—	08-789	CAPA-08-10979	GELC
Kieling Spring	—	—	10/08/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.216	8.67E-03	3.30E-02	—	pCi/L	—	—	11-94	CAPA-10-26884	GELC
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.284	1.07E-02	7.80E-02	—	pCi/L	—	—	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	09/12/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.22	7.67E-03	5.30E-02	—	pCi/L	—	—	08-1933	CAPA-08-14918	GELC
Kieling Spring	—	—	06/10/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.223	1.27E-02	1.70E-01	—	pCi/L	—	—	08-1326	CAPA-08-13062	GELC
Kieling Spring	—	—	03/11/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.28	9.33E-03	6.40E-02	—	pCi/L	—	—	08-789	CAPA-08-10981	GELC
Kieling Spring	—	—	09/12/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00484	1.97E-03	3.60E-02	—	pCi/L	U	U	08-1933	CAPA-08-14920	GELC
Kieling Spring	—	—	06/10/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00599	3.33E-03	9.00E-02	—	pCi/L	U	U	08-1326	CAPA-08-13063	GELC
Kieling Spring	—	—	03/11/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0109	1.93E-03	3.20E-02	—	pCi/L	U	U	08-789	CAPA-08-10979	GELC
Kieling Spring	—	—	10/08/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0263	3.33E-03	2.50E-02	—	pCi/L	—	U	11-94	CAPA-10-26884	GELC
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0245	3.07E-03	4.00E-02	—	pCi/L	U	U	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	09/12/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.021	2.33E-03	2.80E-02	—	pCi/L	U	U	08-1933	CAPA-08-14918	GELC
Kieling Spring	—	—	06/10/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0115	5.33E-03	8.60E-02	—	pCi/L	U	U	08-1326	CAPA-08-13062	GELC
Kieling Spring	—	—	03/11/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0226	2.43E-03	3.30E-02	—	pCi/L	U	U	08-789	CAPA-08-10981	GELC
Kieling Spring	—	—	09/12/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.102	5.33E-03	3.50E-02	—	pCi/L	—	—	08-1933	CAPA-08-14920	GELC
Kieling Spring	—	—	06/10/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0291	6.67E-03	1.10E-01	—	pCi/L	U	U	08-1326	CAPA-08-13063	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Kieling Spring	—	—	03/11/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.097	4.67E-03	4.10E-02	—	pCi/L	—	—	08-789	CAPA-08-10979	GELC
Kieling Spring	—	—	10/08/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.176	7.67E-03	2.00E-02	—	pCi/L	—	—	11-94	CAPA-10-26884	GELC
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.165	7.67E-03	4.80E-02	—	pCi/L	—	—	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	09/12/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.158	6.00E-03	2.80E-02	—	pCi/L	—	—	08-1933	CAPA-08-14918	GELC
Kieling Spring	—	—	06/10/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.177	1.10E-02	1.00E-01	—	pCi/L	—	—	08-1326	CAPA-08-13062	GELC
Kieling Spring	—	—	03/11/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.207	7.67E-03	4.20E-02	—	pCi/L	—	—	08-789	CAPA-08-10981	GELC
Kieling Spring	—	—	10/08/10	WG	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	—	3.29	—	—	2.10E+00	ug/L	J	J	11-94	CAPA-10-26884	GELC
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	<	11.2	—	—	2.30E+00	ug/L	U	U	09-3235	CAPA-09-12107	GELC
Kieling Spring	—	—	09/12/08	WG	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	<	11.8	—	—	2.40E+00	ug/L	U	U	08-1931	CAPA-08-14918	GELC
Kieling Spring	—	—	06/10/08	WG	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	<	11.1	—	—	2.20E+00	ug/L	U	U	08-1324	CAPA-08-13062	GELC
PCAO-5	8481	14.7	10/18/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	205	—	—	7.30E-01	mg/L	—	—	11-183	CAPA-10-26890	GELC
PCAO-5	8481	14.7	12/17/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	277	—	—	7.30E-01	mg/L	—	—	10-998	CAPA-10-6389	GELC
PCAO-5	8481	14.7	09/02/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	197	—	—	7.30E-01	mg/L	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	337	—	—	7.30E-01	mg/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	441	—	—	7.30E-01	mg/L	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	10/18/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	1.35	—	—	1.60E-02	mg/L	—	—	11-183	CAPA-10-26890	GELC
PCAO-5	8481	14.7	12/17/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.983	—	—	1.60E-02	mg/L	—	—	10-998	CAPA-10-6389	GELC
PCAO-5	8481	14.7	09/02/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.891	—	—	1.60E-02	mg/L	—	J-	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	1.66	—	—	1.60E-02	mg/L	—	J-	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	1.48	—	—	3.00E-02	mg/L	—	J-	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	10/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.142	—	—	6.60E-02	mg/L	J	J	11-183	CAPA-10-26890	GELC
PCAO-5	8481	14.7	12/17/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.145	—	—	6.60E-02	mg/L	J	J	10-998	CAPA-10-6389	GELC
PCAO-5	8481	14.7	09/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	UJ	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	U	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.242	—	—	6.70E-02	mg/L	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	10/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	55.4	—	—	5.00E-02	mg/L	—	—	11-183	CAPA-10-26890	GELC
PCAO-5	8481	14.7	12/17/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	74.1	—	—	5.00E-02	mg/L	—	—	10-998	CAPA-10-6389	GELC
PCAO-5	8481	14.7	09/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	54.5	—	—	5.00E-02	mg/L	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	89.9	—	—	3.00E-02	mg/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	106	—	—	1.50E-01	mg/L	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	10/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	54.4	—	—	5.00E-02	mg/L	—	—	11-183	CAPA-10-26891	GELC
PCAO-5	8481	14.7	12/17/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	74	—	—	5.00E-02	mg/L	—	—	10-998	CAPA-10-6390	GELC
PCAO-5	8481	14.7	09/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	53.5	—	—	5.00E-02	mg/L	—	—	09-3117	CAPA-09-12210	GELC
PCAO-5	8481	14.7	06/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	90.3	—	—	3.00E-02	mg/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/02/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	112	—	—	1.50E-01	mg/L	—	—	09-421	CAPA-09-1140	GELC
PCAO-5	8481	14.7	10/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	32.8	—	—	3.30E-01	mg/L	—	—	11-183	CAPA-10-26890	GELC
PCAO-5	8481	14.7	12/17/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	21.3	—	—	3.30E-01	mg/L	—	—	10-998	CAPA-10-6389	GELC
PCAO-5	8481	14.7	09/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	23.1	—	—	1.30E-01	mg/L	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	24.5	—	—	1.30E-01	mg/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	26.8	—	—	6.60E-01	mg/L	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	10/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.217	—	—	3.30E-02	mg/L	—	—	11-183	CAPA-10-26890	GELC
PCAO-5	8481	14.7	12/17/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.294	—	—	3.30E-02	mg/L	—	—	10-998	CAPA-10-6389	GELC
PCAO-5	8481	14.7	09/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.328	—	—	3.30E-02	mg/L	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.187	—	—	3.30E-02	mg/L	—	J-	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.3	—	—	3.30E-02	mg/L	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	10/18/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	188	—	—	3.50E-01	mg/L	—	—	11-183	CAPA-10-26890	GELC
PCAO-5	8481	14.7	12/17/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	252	—	—	3.50E-01	mg/L	—	—	10-998	CAPA-10-6389	GELC
PCAO-5	8481	14.7	09/02/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	187	—	—	3.50E-01	mg/L	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	304	—	—	3.50E-01	mg/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	366	—	—	1.80E+00	mg/L	—	—	09-421	CAPA-09-1139	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCAO-5	8481	14.7	10/18/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	185	—	—	3.50E-01	mg/L	—	—	11-183	CAPA-10-26891	GELC
PCAO-5	8481	14.7	12/17/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	250	—	—	3.50E-01	mg/L	—	—	10-998	CAPA-10-6390	GELC
PCAO-5	8481	14.7	09/02/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	184	—	—	3.50E-01	mg/L	—	—	09-3117	CAPA-09-12210	GELC
PCAO-5	8481	14.7	06/09/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	305	—	—	3.50E-01	mg/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/02/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	385	—	—	1.80E+00	mg/L	—	—	09-421	CAPA-09-1140	GELC
PCAO-5	8481	14.7	10/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	12.1	—	—	8.50E-02	mg/L	—	—	11-183	CAPA-10-26890	GELC
PCAO-5	8481	14.7	12/17/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	16.3	—	—	8.50E-02	mg/L	—	—	10-998	CAPA-10-6389	GELC
PCAO-5	8481	14.7	09/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	12.4	—	—	8.50E-02	mg/L	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	19.2	—	—	8.50E-02	mg/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	24.7	—	—	4.30E-01	mg/L	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	10/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	11.9	—	—	8.50E-02	mg/L	—	—	11-183	CAPA-10-26891	GELC
PCAO-5	8481	14.7	12/17/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	15.9	—	—	8.50E-02	mg/L	—	—	10-998	CAPA-10-6390	GELC
PCAO-5	8481	14.7	09/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	12.3	—	—	8.50E-02	mg/L	—	—	09-3117	CAPA-09-12210	GELC
PCAO-5	8481	14.7	06/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	19.3	—	—	8.50E-02	mg/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/02/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	25.9	—	—	4.30E-01	mg/L	—	—	09-421	CAPA-09-1140	GELC
PCAO-5	8481	14.7	10/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	8.08	—	—	5.00E-02	mg/L	—	—	11-183	CAPA-10-26890	GELC
PCAO-5	8481	14.7	12/17/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.27	—	—	5.00E-01	mg/L	—	—	10-998	CAPA-10-6389	GELC
PCAO-5	8481	14.7	09/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.79	—	—	5.00E-02	mg/L	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	11.3	—	—	1.00E+00	mg/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	10.4	—	—	2.50E-01	mg/L	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	10/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.97	—	—	5.00E-02	mg/L	—	—	11-183	CAPA-10-26891	GELC
PCAO-5	8481	14.7	12/17/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	10.9	—	—	5.00E-01	mg/L	—	—	10-998	CAPA-10-6390	GELC
PCAO-5	8481	14.7	09/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.63	—	—	5.00E-02	mg/L	—	—	09-3117	CAPA-09-12210	GELC
PCAO-5	8481	14.7	06/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	10.9	—	—	1.00E+00	mg/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/02/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	10.9	—	—	2.50E-01	mg/L	—	—	09-421	CAPA-09-1140	GELC
PCAO-5	8481	14.7	10/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.5	—	—	1.00E-01	mg/L	—	—	11-183	CAPA-10-26890	GELC
PCAO-5	8481	14.7	12/17/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	23.6	—	—	1.00E-01	mg/L	—	—	10-998	CAPA-10-6389	GELC
PCAO-5	8481	14.7	09/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.5	—	—	1.00E-01	mg/L	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.2	—	—	4.50E-02	mg/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	28.2	—	—	2.30E-01	mg/L	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	10/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.2	—	—	1.00E-01	mg/L	—	—	11-183	CAPA-10-26891	GELC
PCAO-5	8481	14.7	12/17/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	23	—	—	1.00E-01	mg/L	—	—	10-998	CAPA-10-6390	GELC
PCAO-5	8481	14.7	09/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	18	—	—	1.00E-01	mg/L	—	—	09-3117	CAPA-09-12210	GELC
PCAO-5	8481	14.7	06/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.4	—	—	4.50E-02	mg/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/02/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	29.7	—	—	2.30E-01	mg/L	—	—	09-421	CAPA-09-1140	GELC
PCAO-5	8481	14.7	10/18/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	520	—	—	1.00E+00	uS/cm	—	—	11-183	CAPA-10-26890	GELC
PCAO-5	8481	14.7	12/17/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	600	—	—	1.00E+00	uS/cm	—	—	10-998	CAPA-10-6389	GELC
PCAO-5	8481	14.7	09/02/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	516	—	—	1.00E+00	uS/cm	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	708	—	—	1.00E+00	uS/cm	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	10/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.47	—	—	1.00E-01	mg/L	—	—	11-183	CAPA-10-26890	GELC
PCAO-5	8481	14.7	12/17/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.16	—	—	1.00E-01	mg/L	—	—	10-998	CAPA-10-6389	GELC
PCAO-5	8481	14.7	09/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.68	—	—	1.00E-01	mg/L	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12.8	—	—	1.00E-01	mg/L	—	J	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.39	—	—	1.00E-01	mg/L	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	10/18/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	327	—	—	2.40E+00	mg/L	—	—	11-183	CAPA-10-26890	GELC
PCAO-5	8481	14.7	12/17/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	367	—	—	2.40E+00	mg/L	—	—	10-998	CAPA-10-6389	GELC
PCAO-5	8481	14.7	09/02/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	292	—	—	2.40E+00	mg/L	—	J	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	439	—	—	2.40E+00	mg/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	519	—	—	2.40E+00	mg/L	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	10/18/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.365	—	—	3.30E-02	mg/L	—	—	11-183	CAPA-10-26891	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCAO-5	8481	14.7	12/17/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	UJ	10-997	CAPA-10-6390	GELC
PCAO-5	8481	14.7	09/02/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	1.29	—	—	3.30E-02	mg/L	—	J	09-3116	CAPA-09-12210	GELC
PCAO-5	8481	14.7	06/09/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	2.45	—	—	3.30E-02	mg/L	—	J+	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/02/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.661	—	—	2.90E-02	mg/L	—	—	09-420	CAPA-09-1140	GELC
PCAO-5	8481	14.7	10/18/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	13.1	—	—	3.30E-01	mg/L	—	—	11-183	CAPA-10-26891	GELC
PCAO-5	8481	14.7	12/17/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	12.6	—	—	3.30E-01	mg/L	—	—	10-997	CAPA-10-6390	GELC
PCAO-5	8481	14.7	06/09/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	11.5	—	—	3.30E-01	mg/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/02/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	19.7	—	—	6.60E-01	mg/L	—	—	09-420	CAPA-09-1140	GELC
PCAO-5	8481	14.7	09/08/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	17.3	—	—	3.30E-01	mg/L	—	—	08-1863	CAPA-08-14973	GELC
PCAO-5	8481	14.7	10/18/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.06	—	—	1.00E-02	SU	H	J-	11-183	CAPA-10-26890	GELC
PCAO-5	8481	14.7	12/17/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.93	—	—	1.00E-02	SU	H	J-	10-998	CAPA-10-6389	GELC
PCAO-5	8481	14.7	09/02/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.85	—	—	1.00E-02	SU	H	J-	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.01	—	—	1.00E-02	SU	H	J-	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	10/18/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	361	—	—	1.00E+00	ug/L	—	—	11-183	CAPA-10-26890	GELC
PCAO-5	8481	14.7	12/17/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	505	—	—	1.00E+00	ug/L	—	—	10-998	CAPA-10-6389	GELC
PCAO-5	8481	14.7	09/02/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	357	—	—	1.00E+00	ug/L	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	385	—	—	1.00E+00	ug/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	601	—	—	5.00E+00	ug/L	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	10/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	353	—	—	1.00E+00	ug/L	—	—	11-183	CAPA-10-26891	GELC
PCAO-5	8481	14.7	12/17/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	496	—	—	1.00E+00	ug/L	—	—	10-998	CAPA-10-6390	GELC
PCAO-5	8481	14.7	09/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	354	—	—	1.00E+00	ug/L	—	—	09-3117	CAPA-09-12210	GELC
PCAO-5	8481	14.7	06/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	390	—	—	1.00E+00	ug/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/02/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	595	—	—	5.00E+00	ug/L	—	—	09-421	CAPA-09-1140	GELC
PCAO-5	8481	14.7	10/18/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	36.7	—	—	1.50E+01	ug/L	J	J	11-183	CAPA-10-26890	GELC
PCAO-5	8481	14.7	12/17/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	28.4	—	—	1.50E+01	ug/L	J	J	10-998	CAPA-10-6389	GELC
PCAO-5	8481	14.7	09/02/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	40.9	—	—	1.50E+01	ug/L	J	U	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	37.6	—	—	1.00E+01	ug/L	J	J	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	250	—	—	5.00E+01	ug/L	U	U	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	10/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	33.6	—	—	1.50E+01	ug/L	J	J	11-183	CAPA-10-26891	GELC
PCAO-5	8481	14.7	12/17/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	28.5	—	—	1.50E+01	ug/L	J	J	10-998	CAPA-10-6390	GELC
PCAO-5	8481	14.7	09/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	42.9	—	—	1.50E+01	ug/L	J	U	09-3117	CAPA-09-12210	GELC
PCAO-5	8481	14.7	06/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	40.5	—	—	1.00E+01	ug/L	J	J	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/02/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	250	—	—	5.00E+01	ug/L	U	U	09-421	CAPA-09-1140	GELC
PCAO-5	8481	14.7	10/18/10	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	19.7	—	—	1.00E+00	ug/L	—	—	11-183	CAPA-10-26890	GELC
PCAO-5	8481	14.7	12/17/09	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	26.5	—	—	1.00E+00	ug/L	—	—	10-998	CAPA-10-6389	GELC
PCAO-5	8481	14.7	09/02/09	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	20	—	—	1.00E+00	ug/L	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	20.2	—	—	1.00E+00	ug/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	23.6	—	—	5.00E+00	ug/L	J	J	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	10/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	19.2	—	—	1.00E+00	ug/L	—	—	11-183	CAPA-10-26891	GELC
PCAO-5	8481	14.7	12/17/09	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	25.6	—	—	1.00E+00	ug/L	—	—	10-998	CAPA-10-6390	GELC
PCAO-5	8481	14.7	09/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	19.9	—	—	1.00E+00	ug/L	—	—	09-3117	CAPA-09-12210	GELC
PCAO-5	8481	14.7	06/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	19.7	—	—	1.00E+00	ug/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/02/08	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	23.2	—	—	5.00E+00	ug/L	J	J	09-421	CAPA-09-1140	GELC
PCAO-5	8481	14.7	10/18/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	12200	—	—	3.00E+01	ug/L	—	—	11-183	CAPA-10-26890	GELC
PCAO-5	8481	14.7	12/17/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	20800	—	—	3.00E+01	ug/L	—	—	10-998	CAPA-10-6389	GELC
PCAO-5	8481	14.7	09/02/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	7210	—	—	3.00E+01	ug/L	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	722	—	—	2.50E+01	ug/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	34200	—	—	1.30E+02	ug/L	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	10/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	12400	—	—	3.00E+01	ug/L	—	—	11-183	CAPA-10-26891	GELC
PCAO-5	8481	14.7	12/17/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	20500	—	—	3.00E+01	ug/L	—	—	10-998	CAPA-10-6390	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCAO-5	8481	14.7	09/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	6900	—	—	3.00E+01	ug/L	—	—	09-3117	CAPA-09-12210	GELC
PCAO-5	8481	14.7	06/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	666	—	—	2.50E+01	ug/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/02/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	35600	—	—	1.30E+02	ug/L	—	—	09-421	CAPA-09-1140	GELC
PCAO-5	8481	14.7	10/18/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	8350	—	—	2.00E+00	ug/L	—	—	11-183	CAPA-10-26890	GELC
PCAO-5	8481	14.7	12/17/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	13300	—	—	2.00E+01	ug/L	—	—	10-998	CAPA-10-6389	GELC
PCAO-5	8481	14.7	09/02/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	9570	—	—	2.00E+00	ug/L	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	11000	—	—	4.00E+01	ug/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	17500	—	—	1.00E+01	ug/L	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	10/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	8190	—	—	2.00E+00	ug/L	—	—	11-183	CAPA-10-26891	GELC
PCAO-5	8481	14.7	12/17/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	12900	—	—	2.00E+01	ug/L	—	—	10-998	CAPA-10-6390	GELC
PCAO-5	8481	14.7	09/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	9510	—	—	2.00E+00	ug/L	—	—	09-3117	CAPA-09-12210	GELC
PCAO-5	8481	14.7	06/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	11200	—	—	4.00E+01	ug/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/02/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	17000	—	—	1.00E+01	ug/L	—	—	09-421	CAPA-09-1140	GELC
PCAO-5	8481	14.7	10/18/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	7.29	—	—	1.00E-01	ug/L	—	—	11-183	CAPA-10-26890	GELC
PCAO-5	8481	14.7	12/17/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	10	—	—	1.00E-01	ug/L	—	—	10-998	CAPA-10-6389	GELC
PCAO-5	8481	14.7	09/02/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	9.71	—	—	1.00E-01	ug/L	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	9.74	—	—	1.00E-01	ug/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	6.8	—	—	1.00E-01	ug/L	—	J	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	10/18/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	7.9	—	—	1.00E-01	ug/L	—	—	11-183	CAPA-10-26891	GELC
PCAO-5	8481	14.7	12/17/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	10.3	—	—	1.00E-01	ug/L	—	—	10-998	CAPA-10-6390	GELC
PCAO-5	8481	14.7	09/02/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	9.91	—	—	1.00E-01	ug/L	—	—	09-3117	CAPA-09-12210	GELC
PCAO-5	8481	14.7	06/09/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	9.43	—	—	1.00E-01	ug/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/02/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	7.3	—	—	1.00E-01	ug/L	—	J	09-421	CAPA-09-1140	GELC
PCAO-5	8481	14.7	10/18/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	9.44	—	—	5.00E-01	ug/L	—	—	11-183	CAPA-10-26890	GELC
PCAO-5	8481	14.7	12/17/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	10.7	—	—	5.00E-01	ug/L	—	—	10-998	CAPA-10-6389	GELC
PCAO-5	8481	14.7	09/02/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	9.69	—	—	5.00E-01	ug/L	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	14.9	—	—	5.00E-01	ug/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	10.5	—	—	5.00E-01	ug/L	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	10/18/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	9.44	—	—	5.00E-01	ug/L	—	—	11-183	CAPA-10-26891	GELC
PCAO-5	8481	14.7	12/17/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	10.8	—	—	5.00E-01	ug/L	—	—	10-998	CAPA-10-6390	GELC
PCAO-5	8481	14.7	09/02/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	9.95	—	—	5.00E-01	ug/L	—	—	09-3117	CAPA-09-12210	GELC
PCAO-5	8481	14.7	06/09/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	14.2	—	—	5.00E-01	ug/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/02/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	10.6	—	—	5.00E-01	ug/L	—	—	09-421	CAPA-09-1140	GELC
PCAO-5	8481	14.7	10/18/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	35.8	—	—	5.30E-02	mg/L	—	—	11-183	CAPA-10-26890	GELC
PCAO-5	8481	14.7	12/17/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	38.6	—	—	5.30E-02	mg/L	—	—	10-998	CAPA-10-6389	GELC
PCAO-5	8481	14.7	09/02/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	33.6	—	—	5.30E-02	mg/L	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	29.1	—	—	3.20E-02	mg/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	36	—	—	1.60E-01	mg/L	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	10/18/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	383	—	—	1.00E+00	ug/L	—	—	11-183	CAPA-10-26890	GELC
PCAO-5	8481	14.7	12/17/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	518	—	—	1.00E+00	ug/L	—	—	10-998	CAPA-10-6389	GELC
PCAO-5	8481	14.7	09/02/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	379	—	—	1.00E+00	ug/L	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	551	—	—	1.00E+00	ug/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	723	—	—	5.00E+00	ug/L	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	10/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	376	—	—	1.00E+00	ug/L	—	—	11-183	CAPA-10-26891	GELC
PCAO-5	8481	14.7	12/17/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	512	—	—	1.00E+00	ug/L	—	—	10-998	CAPA-10-6390	GELC
PCAO-5	8481	14.7	09/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	369	—	—	1.00E+00	ug/L	—	—	09-3117	CAPA-09-12210	GELC
PCAO-5	8481	14.7	06/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	557	—	—	1.00E+00	ug/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/02/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	762	—	—	5.00E+00	ug/L	—	—	09-421	CAPA-09-1140	GELC
PCAO-5	8481	14.7	10/18/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.61	—	—	5.00E-02	ug/L	—	J	11-183	CAPA-10-26890	GELC
PCAO-5	8481	14.7	12/17/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	3.84	—	—	5.00E-02	ug/L	—	—	10-998	CAPA-10-6389	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCAO-5	8481	14.7	09/02/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	4.24	—	—	5.00E-02	ug/L	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	16.5	—	—	5.00E-02	ug/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.42	—	—	5.00E-02	ug/L	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	10/18/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.59	—	—	5.00E-02	ug/L	—	J	11-183	CAPA-10-26891	GELC
PCAO-5	8481	14.7	12/17/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	3.91	—	—	5.00E-02	ug/L	—	—	10-998	CAPA-10-6390	GELC
PCAO-5	8481	14.7	09/02/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	4.27	—	—	5.00E-02	ug/L	—	—	09-3117	CAPA-09-12210	GELC
PCAO-5	8481	14.7	06/09/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	16.3	—	—	5.00E-02	ug/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/02/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.42	—	—	5.00E-02	ug/L	—	—	09-421	CAPA-09-1140	GELC
PCAO-5	8481	14.7	10/18/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.06	—	—	1.00E+00	ug/L	J	J	11-183	CAPA-10-26890	GELC
PCAO-5	8481	14.7	12/17/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1.00E+00	ug/L	U	U	10-998	CAPA-10-6389	GELC
PCAO-5	8481	14.7	09/02/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1.00E+00	ug/L	U	U	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1.00E+00	ug/L	U	U	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	25	—	—	5.00E+00	ug/L	U	U	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	10/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.01	—	—	1.00E+00	ug/L	J	J	11-183	CAPA-10-26891	GELC
PCAO-5	8481	14.7	12/17/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1.00E+00	ug/L	U	U	10-998	CAPA-10-6390	GELC
PCAO-5	8481	14.7	09/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1.00E+00	ug/L	U	U	09-3117	CAPA-09-12210	GELC
PCAO-5	8481	14.7	06/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1.00E+00	ug/L	U	U	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/02/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	25	—	—	5.00E+00	ug/L	U	U	09-421	CAPA-09-1140	GELC
PCAO-5	8481	14.7	10/18/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	7.22	—	—	3.30E+00	ug/L	J	J	11-183	CAPA-10-26890	GELC
PCAO-5	8481	14.7	12/17/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.84	—	—	3.30E+00	ug/L	J	J	10-998	CAPA-10-6389	GELC
PCAO-5	8481	14.7	09/02/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.2	—	—	3.30E+00	ug/L	J	J	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.36	—	—	2.00E+00	ug/L	J	J	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	50	—	—	1.00E+01	ug/L	U	U	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	10/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	12.8	—	—	3.30E+00	ug/L	—	—	11-183	CAPA-10-26891	GELC
PCAO-5	8481	14.7	12/17/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.71	—	—	3.30E+00	ug/L	J	J	10-998	CAPA-10-6390	GELC
PCAO-5	8481	14.7	09/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.98	—	—	3.30E+00	ug/L	J	J	09-3117	CAPA-09-12210	GELC
PCAO-5	8481	14.7	06/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.73	—	—	2.00E+00	ug/L	J	J	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/02/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	50	—	—	1.00E+01	ug/L	U	U	09-421	CAPA-09-1140	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00564	3.67E-03	3.50E-02	—	pCi/L	U	U	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00497	6.00E-04	2.60E-02	—	pCi/L	U	U	09-422	CAPA-09-1139	GELC
PCAO-5	8481	14.7	10/18/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0115	3.33E-03	4.00E-02	—	pCi/L	U	U	11-183	CAPA-10-26891	GELC
PCAO-5	8481	14.7	12/17/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0119	2.93E-03	4.50E-02	—	pCi/L	U	U	10-998	CAPA-10-6390	GELC
PCAO-5	8481	14.7	09/02/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000579	5.67E-04	3.20E-02	—	pCi/L	U	U	09-3118	CAPA-09-12210	GELC
PCAO-5	8481	14.7	06/09/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0216	4.00E-03	3.50E-02	—	pCi/L	U	U	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/02/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00228	7.33E-04	3.10E-02	—	pCi/L	U	U	09-422	CAPA-09-1140	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.89	5.33E-01	4.40E+00	—	pCi/L	U	U	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.576	4.00E-01	4.00E+00	—	pCi/L	U	U	09-422	CAPA-09-1139	GELC
PCAO-5	8481	14.7	10/18/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.56	4.67E-01	5.00E+00	—	pCi/L	U	U	11-183	CAPA-10-26891	GELC
PCAO-5	8481	14.7	12/17/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.09	4.67E-01	4.70E+00	—	pCi/L	U	U	10-998	CAPA-10-6390	GELC
PCAO-5	8481	14.7	09/02/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.03	4.00E-01	4.20E+00	—	pCi/L	U	U	09-3118	CAPA-09-12210	GELC
PCAO-5	8481	14.7	06/09/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.197	6.67E-01	5.50E+00	—	pCi/L	U	U	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/02/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.63	5.67E-01	5.90E+00	—	pCi/L	U	U	09-422	CAPA-09-1140	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.968	5.00E-01	4.60E+00	—	pCi/L	U	U	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.14	4.00E-01	3.20E+00	—	pCi/L	U	U	09-422	CAPA-09-1139	GELC
PCAO-5	8481	14.7	10/18/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.571	4.67E-01	4.70E+00	—	pCi/L	U	U	11-183	CAPA-10-26891	GELC
PCAO-5	8481	14.7	12/17/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.33	4.33E-01	3.70E+00	—	pCi/L	U	U	10-998	CAPA-10-6390	GELC
PCAO-5	8481	14.7	09/02/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.35	4.33E-01	4.90E+00	—	pCi/L	U	U	09-3118	CAPA-09-12210	GELC
PCAO-5	8481	14.7	06/09/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.94	5.67E-01	4.50E+00	—	pCi/L	U	U	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/02/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.71	4.33E-01	4.70E+00	—	pCi/L	U	U	09-422	CAPA-09-1140	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Rad	EPA:900	Gross alpha	—	9.76	4.33E-01	1.70E+00	—	pCi/L	—	—	09-2250	CAPA-09-9387	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCAO-5	8481	14.7	10/18/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.76	3.67E-01	2.90E+00	—	pCi/L	U	U	11-183	CAPA-10-26891	GELC
PCAO-5	8481	14.7	12/17/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	3.57	4.67E-01	3.40E+00	—	pCi/L	—	U	10-998	CAPA-10-6390	GELC
PCAO-5	8481	14.7	09/02/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	6.35	5.67E-01	3.10E+00	—	pCi/L	—	—	09-3118	CAPA-09-12210	GELC
PCAO-5	8481	14.7	06/09/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	10.9	5.33E-01	2.80E+00	—	pCi/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Rad	EPA:900	Gross beta	—	13.8	5.33E-01	2.00E+00	—	pCi/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	10/18/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	7.66	4.00E-01	2.40E+00	—	pCi/L	—	—	11-183	CAPA-10-26891	GELC
PCAO-5	8481	14.7	12/17/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	12.9	6.00E-01	3.30E+00	—	pCi/L	—	—	10-998	CAPA-10-6390	GELC
PCAO-5	8481	14.7	09/02/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.12	3.23E-01	2.30E+00	—	pCi/L	—	—	09-3118	CAPA-09-12210	GELC
PCAO-5	8481	14.7	06/09/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	12.3	4.67E-01	2.20E+00	—	pCi/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	—	128	1.33E+01	7.50E+01	—	pCi/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	23.1	8.67E+00	2.60E+01	—	pCi/L	U	U	09-422	CAPA-09-1139	GELC
PCAO-5	8481	14.7	10/18/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	43.9	5.67E+00	4.90E+01	—	pCi/L	U	U	11-183	CAPA-10-26891	GELC
PCAO-5	8481	14.7	12/17/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	52.5	2.20E+01	9.00E+01	—	pCi/L	U	U	10-998	CAPA-10-6390	GELC
PCAO-5	8481	14.7	09/02/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	82.1	9.67E+00	7.00E+01	—	pCi/L	—	U	09-3118	CAPA-09-12210	GELC
PCAO-5	8481	14.7	06/09/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	136	1.37E+01	1.20E+02	—	pCi/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/02/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	44.4	2.67E+01	4.80E+01	—	pCi/L	U	U	09-422	CAPA-09-1140	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	28.3	5.00E+00	4.50E+01	—	pCi/L	U	U	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.02	3.27E+00	3.30E+01	—	pCi/L	U	U	09-422	CAPA-09-1139	GELC
PCAO-5	8481	14.7	10/18/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.12	8.33E-01	8.30E+00	—	pCi/L	U	U	11-183	CAPA-10-26891	GELC
PCAO-5	8481	14.7	12/17/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	20.1	3.27E+00	3.50E+01	—	pCi/L	U	U	10-998	CAPA-10-6390	GELC
PCAO-5	8481	14.7	09/02/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	20	3.67E+00	3.50E+01	—	pCi/L	U	U	09-3118	CAPA-09-12210	GELC
PCAO-5	8481	14.7	06/09/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.77	4.33E+00	4.20E+01	—	pCi/L	U	U	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/02/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.857	3.67E+00	3.30E+01	—	pCi/L	U	U	09-422	CAPA-09-1140	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00849	2.47E-03	3.80E-02	—	pCi/L	U	U	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00239	1.77E-03	2.90E-02	—	pCi/L	U	U	09-422	CAPA-09-1139	GELC
PCAO-5	8481	14.7	10/18/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	8.00E-04	2.70E-02	—	pCi/L	U	U	11-183	CAPA-10-26891	GELC
PCAO-5	8481	14.7	12/17/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0158	3.67E-03	3.30E-02	—	pCi/L	U	U	10-998	CAPA-10-6390	GELC
PCAO-5	8481	14.7	09/02/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00381	1.27E-03	3.40E-02	—	pCi/L	U	U	09-3118	CAPA-09-12210	GELC
PCAO-5	8481	14.7	06/09/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0111	2.87E-03	4.00E-02	—	pCi/L	U	U	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/02/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00505	1.47E-03	3.10E-02	—	pCi/L	U	U	09-422	CAPA-09-1140	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	5.06E-10	1.73E-03	3.90E-02	—	pCi/L	U	U	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0167	2.40E-03	3.80E-02	—	pCi/L	U	U	09-422	CAPA-09-1139	GELC
PCAO-5	8481	14.7	10/18/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00241	1.13E-03	4.70E-02	—	pCi/L	U	U	11-183	CAPA-10-26891	GELC
PCAO-5	8481	14.7	12/17/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00453	1.50E-03	3.60E-02	—	pCi/L	U	U	10-998	CAPA-10-6390	GELC
PCAO-5	8481	14.7	09/02/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00191	1.10E-03	3.80E-02	—	pCi/L	U	U	09-3118	CAPA-09-12210	GELC
PCAO-5	8481	14.7	06/09/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	5.28E-10	2.10E-03	4.00E-02	—	pCi/L	U	U	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/02/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00252	2.53E-03	4.00E-02	—	pCi/L	U	U	09-422	CAPA-09-1140	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	6.57	6.67E+00	7.30E+01	—	pCi/L	U	U	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	17.7	6.67E+00	7.00E+01	—	pCi/L	U	U	09-422	CAPA-09-1139	GELC
PCAO-5	8481	14.7	10/18/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-5.94	5.00E+00	5.10E+01	—	pCi/L	U	U	11-183	CAPA-10-26891	GELC
PCAO-5	8481	14.7	12/17/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	26.5	5.67E+00	4.90E+01	—	pCi/L	U	U	10-998	CAPA-10-6390	GELC
PCAO-5	8481	14.7	09/02/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-29.6	5.67E+00	4.40E+01	—	pCi/L	U	U	09-3118	CAPA-09-12210	GELC
PCAO-5	8481	14.7	06/09/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	33.7	6.67E+00	7.70E+01	—	pCi/L	U	U	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/02/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	41.3	9.00E+00	5.20E+01	—	pCi/L	U	U	09-422	CAPA-09-1140	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.4	5.67E-01	5.20E+00	—	pCi/L	U	U	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.237	4.33E-01	4.40E+00	—	pCi/L	U	U	09-422	CAPA-09-1139	GELC
PCAO-5	8481	14.7	10/18/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.722	4.67E-01	4.30E+00	—	pCi/L	U	U	11-183	CAPA-10-26891	GELC
PCAO-5	8481	14.7	12/17/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.305	4.67E-01	4.60E+00	—	pCi/L	U	U	10-998	CAPA-10-6390	GELC
PCAO-5	8481	14.7	09/02/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.61	4.00E-01	3.50E+00	—	pCi/L	U	U	09-3118	CAPA-09-12210	GELC
PCAO-5	8481	14.7	06/09/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.217	5.00E-01	4.70E+00	—	pCi/L	U	U	09-2250	CAPA-09-9388	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCAO-5	8481	14.7	12/02/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.322	3.67E-01	3.50E+00	—	pCi/L	U	U	09-422	CAPA-09-1140	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	0.805	5.67E-02	3.90E-01	—	pCi/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	1.25	6.67E-02	4.70E-01	—	pCi/L	—	—	09-422	CAPA-09-1139	GELC
PCAO-5	8481	14.7	10/18/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.281	4.67E-02	4.60E-01	—	pCi/L	U	U	11-183	CAPA-10-26891	GELC
PCAO-5	8481	14.7	12/17/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.337	5.33E-02	5.00E-01	—	pCi/L	U	U	10-998	CAPA-10-6390	GELC
PCAO-5	8481	14.7	09/02/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.316	5.00E-02	4.70E-01	—	pCi/L	U	U	09-3118	CAPA-09-12210	GELC
PCAO-5	8481	14.7	06/09/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	1.13	6.33E-02	3.60E-01	—	pCi/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/02/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	1.32	7.33E-02	4.60E-01	—	pCi/L	—	—	09-422	CAPA-09-1140	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	5.91	1.50E-01	1.50E-01	—	pCi/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.167	7.00E-03	6.10E-02	—	pCi/L	—	—	09-422	CAPA-09-1139	GELC
PCAO-5	8481	14.7	10/18/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.571	1.93E-02	4.90E-02	—	pCi/L	—	—	11-183	CAPA-10-26891	GELC
PCAO-5	8481	14.7	12/17/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.58	4.33E-02	8.10E-02	—	pCi/L	—	—	10-998	CAPA-10-6390	GELC
PCAO-5	8481	14.7	09/02/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.61	4.67E-02	1.20E-01	—	pCi/L	—	—	09-3118	CAPA-09-12210	GELC
PCAO-5	8481	14.7	06/09/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	5.2	1.33E-01	1.40E-01	—	pCi/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/02/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.118	5.67E-03	5.30E-02	—	pCi/L	—	—	09-422	CAPA-09-1140	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.269	1.33E-02	6.80E-02	—	pCi/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0112	1.70E-03	3.20E-02	—	pCi/L	U	U	09-422	CAPA-09-1139	GELC
PCAO-5	8481	14.7	10/18/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0289	3.33E-03	3.80E-02	—	pCi/L	U	U	11-183	CAPA-10-26891	GELC
PCAO-5	8481	14.7	12/17/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0613	4.67E-03	4.30E-02	—	pCi/L	—	—	10-998	CAPA-10-6390	GELC
PCAO-5	8481	14.7	09/02/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0664	5.67E-03	6.20E-02	—	pCi/L	—	—	09-3118	CAPA-09-12210	GELC
PCAO-5	8481	14.7	06/09/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.293	1.37E-02	6.10E-02	—	pCi/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/02/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0137	2.20E-03	2.80E-02	—	pCi/L	U	U	09-422	CAPA-09-1140	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	4.79	1.23E-01	6.80E-02	—	pCi/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.102	5.33E-03	3.80E-02	—	pCi/L	—	—	09-422	CAPA-09-1139	GELC
PCAO-5	8481	14.7	10/18/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.521	1.80E-02	3.00E-02	—	pCi/L	—	—	11-183	CAPA-10-26891	GELC
PCAO-5	8481	14.7	12/17/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	1.24	3.33E-02	5.10E-02	—	pCi/L	—	—	10-998	CAPA-10-6390	GELC
PCAO-5	8481	14.7	09/02/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	1.19	3.67E-02	6.20E-02	—	pCi/L	—	—	09-3118	CAPA-09-12210	GELC
PCAO-5	8481	14.7	06/09/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	4.23	1.10E-01	6.20E-02	—	pCi/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/02/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.128	5.67E-03	3.30E-02	—	pCi/L	—	—	09-422	CAPA-09-1140	GELC
PCAO-5	8481	14.7	10/18/10	WG	UF	CS	—	VOA	SW-846:8260B	Toluene	—	1.83	—	—	2.50E-01	ug/L	—	—	11-183	CAPA-10-26891	GELC
PCAO-5	8481	14.7	02/24/10	WG	UF	CS	—	VOA	SW-846:8260B	Toluene	<	1	—	—	2.50E-01	ug/L	U	U	10-2101	CAPA-10-12867	GELC
PCAO-5	8481	14.7	12/17/09	WG	UF	CS	—	VOA	SW-846:8260B	Toluene	—	1.62	—	—	2.50E-01	ug/L	—	—	10-997	CAPA-10-6390	GELC
PCAO-5	8481	14.7	09/02/09	WG	UF	CS	—	VOA	SW-846:8260B	Toluene	—	3.65	—	—	2.50E-01	ug/L	—	—	09-3116	CAPA-09-12210	GELC
PCAO-5	8481	14.7	06/09/09	WG	UF	CS	—	VOA	SW-846:8260B	Toluene	—	0.514	—	—	2.50E-01	ug/L	J	J	09-2249	CAPA-09-9388	GELC
PCAO-7a	8501	9.7	10/20/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.1	—	—	7.30E-01	mg/L	—	—	11-231	CAPA-10-26900	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.2	—	—	7.30E-01	mg/L	—	—	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.9	—	—	7.30E-01	mg/L	—	—	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.1	—	—	7.30E-01	mg/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	54	—	—	7.30E-01	mg/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.091	—	—	1.60E-02	mg/L	—	J-	11-231	CAPA-10-26900	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	UJ	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.043	—	—	1.60E-02	mg/L	J	U	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.026	—	—	1.60E-02	mg/L	J	J-	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	UJ	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.4	—	—	5.00E-02	mg/L	—	—	11-231	CAPA-10-26900	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	50.4	—	—	5.00E-02	mg/L	—	—	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	46.7	—	—	5.00E-02	mg/L	—	—	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	50.6	—	—	5.00E-02	mg/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	44.1	—	—	3.00E-02	mg/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21	—	—	5.00E-02	mg/L	—	—	11-231	CAPA-10-26901	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	50.8	—	—	5.00E-02	mg/L	—	—	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	47.2	—	—	5.00E-02	mg/L	—	—	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	51.5	—	—	5.00E-02	mg/L	—	—	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	44.3	—	—	3.00E-02	mg/L	—	—	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	10/20/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	38.6	—	—	6.60E-01	mg/L	—	—	11-231	CAPA-10-26900	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	137	—	—	1.30E+00	mg/L	—	—	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	119	—	—	1.30E+00	mg/L	—	—	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	147	—	—	6.60E-01	mg/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	107	—	—	1.30E+00	mg/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.136	—	—	3.30E-02	mg/L	—	—	11-231	CAPA-10-26900	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.0953	—	—	3.30E-02	mg/L	J	J	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.0893	—	—	3.30E-02	mg/L	J	J	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.195	—	—	3.30E-02	mg/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.0989	—	—	3.30E-02	mg/L	J	J	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	78.2	—	—	3.50E-01	mg/L	—	—	11-231	CAPA-10-26900	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	183	—	—	3.50E-01	mg/L	—	—	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	172	—	—	3.50E-01	mg/L	—	—	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	183	—	—	3.50E-01	mg/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	160	—	—	3.50E-01	mg/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	76.7	—	—	3.50E-01	mg/L	—	—	11-231	CAPA-10-26901	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	186	—	—	3.50E-01	mg/L	—	—	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	173	—	—	3.50E-01	mg/L	—	—	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	187	—	—	3.50E-01	mg/L	—	—	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	161	—	—	3.50E-01	mg/L	—	—	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	10/20/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.02	—	—	8.50E-02	mg/L	—	—	11-231	CAPA-10-26900	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	13.8	—	—	8.50E-02	mg/L	—	—	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	13.4	—	—	8.50E-02	mg/L	—	—	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	13.8	—	—	8.50E-02	mg/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	12.1	—	—	8.50E-02	mg/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.88	—	—	8.50E-02	mg/L	—	—	11-231	CAPA-10-26901	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	14.3	—	—	8.50E-02	mg/L	—	—	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	13.5	—	—	8.50E-02	mg/L	—	—	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	14.3	—	—	8.50E-02	mg/L	—	—	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	12.2	—	—	8.50E-02	mg/L	—	—	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	10/20/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.97	—	—	5.00E-02	mg/L	—	J	11-231	CAPA-10-26900	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	4.25	—	—	1.00E-01	mg/L	—	—	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	4.72	—	—	5.00E-02	mg/L	—	—	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	3.61	—	—	1.00E-01	mg/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	2.91	—	—	5.00E-02	mg/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.363	—	—	5.00E-02	ug/L	—	—	11-231	CAPA-10-26900	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.353	—	—	5.00E-02	ug/L	—	—	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.322	—	—	5.00E-02	ug/L	—	—	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.308	—	—	5.00E-02	ug/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.256	—	—	5.00E-02	ug/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.61	—	—	5.00E-02	mg/L	—	—	11-231	CAPA-10-26900	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.73	—	—	5.00E-02	mg/L	—	—	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.31	—	—	5.00E-02	mg/L	—	—	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.89	—	—	5.00E-02	mg/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.49	—	—	5.00E-02	mg/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.51	—	—	5.00E-02	mg/L	—	—	11-231	CAPA-10-26901	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.16	—	—	5.00E-02	mg/L	—	—	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.44	—	—	5.00E-02	mg/L	—	—	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.93	—	—	5.00E-02	mg/L	—	—	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.83	—	—	5.00E-02	mg/L	—	—	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	10/20/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	24.6	—	—	1.00E-01	mg/L	—	—	11-231	CAPA-10-26900	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	50.9	—	—	1.00E-01	mg/L	—	—	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	48.3	—	—	1.00E-01	mg/L	—	—	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	44.5	—	—	1.00E-01	mg/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	35.1	—	—	4.50E-02	mg/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	23.5	—	—	1.00E-01	mg/L	—	—	11-231	CAPA-10-26901	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	49	—	—	1.00E-01	mg/L	—	—	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	47.5	—	—	1.00E-01	mg/L	—	—	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	47	—	—	1.00E-01	mg/L	—	—	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	35.2	—	—	4.50E-02	mg/L	—	—	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	10/20/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	301	—	—	1.00E+00	uS/cm	—	—	11-231	CAPA-10-26900	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	658	—	—	1.00E+00	uS/cm	—	—	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	611	—	—	1.00E+00	uS/cm	—	—	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	692	—	—	1.00E+00	uS/cm	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	544	—	—	1.00E+00	uS/cm	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12.5	—	—	1.00E-01	mg/L	—	—	11-231	CAPA-10-26900	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.9	—	—	1.00E-01	mg/L	—	—	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.1	—	—	1.00E-01	mg/L	—	—	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	11.3	—	—	1.00E-01	mg/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	11.4	—	—	1.00E-01	mg/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	196	—	—	2.40E+00	mg/L	—	—	11-231	CAPA-10-26900	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	464	—	—	2.40E+00	mg/L	—	—	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	365	—	—	2.40E+00	mg/L	—	—	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	471	—	—	2.40E+00	mg/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	369	—	—	2.40E+00	mg/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.83	—	—	3.30E-01	mg/L	—	—	11-231	CAPA-10-26901	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.84	—	—	3.30E-01	mg/L	—	—	10-2045	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.943	—	—	3.30E-01	mg/L	J	J	10-910	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1.3	—	—	3.30E-01	mg/L	—	U	09-2146	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	02/25/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.998	—	—	3.30E-01	mg/L	J	J	09-1015	CAPA-09-4342	GELC
PCAO-7a	8501	9.7	10/20/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.062	—	—	1.50E-02	mg/L	—	J	11-231	CAPA-10-26900	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.058	—	—	1.50E-02	mg/L	—	U	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.057	—	—	1.50E-02	mg/L	—	U	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.055	—	—	1.50E-02	mg/L	—	U	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.065	—	—	1.50E-02	mg/L	—	U	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.27	—	—	1.00E-02	SU	H	J-	11-231	CAPA-10-26900	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.07	—	—	1.00E-02	SU	H	J-	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.09	—	—	1.00E-02	SU	H	J-	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.78	—	—	1.00E-02	SU	H	J-	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.83	—	—	1.00E-02	SU	H	J-	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	80.8	—	—	6.80E+01	ug/L	J	J	11-231	CAPA-10-26900	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	297	—	—	6.80E+01	ug/L	—	—	11-231	CAPA-10-26901	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	431	—	—	6.80E+01	ug/L	—	—	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	69.1	—	—	6.80E+01	ug/L	J	J	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	242	—	—	6.80E+01	ug/L	—	—	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	117	—	—	1.00E+00	ug/L	—	—	11-231	CAPA-10-26900	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	298	—	—	1.00E+00	ug/L	—	—	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	267	—	—	1.00E+00	ug/L	—	—	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	286	—	—	1.00E+00	ug/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	224	—	—	1.00E+00	ug/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	118	—	—	1.00E+00	ug/L	—	—	11-231	CAPA-10-26901	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	296	—	—	1.00E+00	ug/L	—	—	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	275	—	—	1.00E+00	ug/L	—	—	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	301	—	—	1.00E+00	ug/L	—	—	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	233	—	—	1.00E+00	ug/L	—	—	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	36.4	—	—	1.50E+01	ug/L	J	J	11-231	CAPA-10-26900	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	34.7	—	—	1.50E+01	ug/L	J	U	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	31.7	—	—	1.50E+01	ug/L	J	J	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	28.4	—	—	1.00E+01	ug/L	J	J	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	35.5	—	—	1.50E+01	ug/L	J	J	11-231	CAPA-10-26901	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	40.4	—	—	1.50E+01	ug/L	J	U	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	31.9	—	—	1.50E+01	ug/L	J	J	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	29.1	—	—	1.00E+01	ug/L	J	J	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	108	—	—	3.00E+01	ug/L	—	—	11-231	CAPA-10-26901	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	176	—	—	3.00E+01	ug/L	—	—	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	46	—	—	3.00E+01	ug/L	J	J	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	98	—	—	2.50E+01	ug/L	J	J	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.33	—	—	2.00E+00	ug/L	J	J	11-231	CAPA-10-26901	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	13.1	—	—	2.00E+00	ug/L	—	—	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.36	—	—	2.00E+00	ug/L	J	J	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	10/20/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.532	—	—	5.00E-01	ug/L	J	J	11-231	CAPA-10-26900	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.837	—	—	5.00E-01	ug/L	J	J	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.38	—	—	5.00E-01	ug/L	J	J	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.48	—	—	5.00E-01	ug/L	J	J	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.998	—	—	5.00E-01	ug/L	J	J	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.518	—	—	5.00E-01	ug/L	J	J	11-231	CAPA-10-26901	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.979	—	—	5.00E-01	ug/L	J	J	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.43	—	—	5.00E-01	ug/L	J	J	10-911	CAPA-10-6749	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.67	—	—	5.00E-01	ug/L	J	J	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.98	—	—	5.00E-01	ug/L	J	J	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	35.6	—	—	5.30E-02	mg/L	—	—	11-231	CAPA-10-26900	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	31.9	—	—	5.30E-02	mg/L	—	—	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	34.6	—	—	5.30E-02	mg/L	—	—	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	35.9	—	—	5.30E-02	mg/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	34.4	—	—	3.20E-02	mg/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	153	—	—	1.00E+00	ug/L	—	—	11-231	CAPA-10-26900	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	350	—	—	1.00E+00	ug/L	—	—	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	333	—	—	1.00E+00	ug/L	—	—	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	365	—	—	1.00E+00	ug/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	291	—	—	1.00E+00	ug/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	149	—	—	1.00E+00	ug/L	—	—	11-231	CAPA-10-26901	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	350	—	—	1.00E+00	ug/L	—	—	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	334	—	—	1.00E+00	ug/L	—	—	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	377	—	—	1.00E+00	ug/L	—	—	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	293	—	—	1.00E+00	ug/L	—	—	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	—	3.67	—	—	2.50E+00	ug/L	J	J	11-231	CAPA-10-26900	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	200	—	—	5.00E+01	ug/L	U	U	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	100	—	—	2.50E+01	ug/L	U	U	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	100	—	—	2.50E+01	ug/L	U	U	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	100	—	—	2.50E+01	ug/L	U	U	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	—	3.45	—	—	2.50E+00	ug/L	J	J	11-231	CAPA-10-26901	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	200	—	—	5.00E+01	ug/L	U	U	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	100	—	—	2.50E+01	ug/L	U	U	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	100	—	—	2.50E+01	ug/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	100	—	—	2.50E+01	ug/L	U	U	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	10/20/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.057	—	—	5.00E-02	ug/L	J	J	11-231	CAPA-10-26900	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.069	—	—	5.00E-02	ug/L	J	J	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.08	—	—	5.00E-02	ug/L	J	J	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.092	—	—	5.00E-02	ug/L	J	J	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.096	—	—	5.00E-02	ug/L	J	J	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.062	—	—	5.00E-02	ug/L	J	J	11-231	CAPA-10-26901	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.118	—	—	5.00E-02	ug/L	J	J	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.108	—	—	5.00E-02	ug/L	J	J	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.083	—	—	5.00E-02	ug/L	J	J	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.114	—	—	5.00E-02	ug/L	J	J	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.18	—	—	3.30E+00	ug/L	J	J	11-231	CAPA-10-26900	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.01	—	—	2.00E+00	ug/L	J	J	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.49	—	—	3.30E+00	ug/L	J	J	11-231	CAPA-10-26901	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.57	—	—	2.00E+00	ug/L	J	J	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.000666	6.33E-04	3.20E-02	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000777	6.67E-04	4.00E-02	—	pCi/L	U	U	11-231	CAPA-10-26901	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0122	2.27E-03	4.60E-02	—	pCi/L	U	U	10-2046	CAPA-10-12871	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000318	5.33E-04	2.90E-02	—	pCi/L	U	U	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0256	2.47E-03	3.20E-02	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00859	1.57E-03	3.40E-02	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.34	4.00E-01	4.30E+00	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.9	5.67E-01	5.90E+00	—	pCi/L	U	U	11-231	CAPA-10-26901	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.347	4.67E-01	4.50E+00	—	pCi/L	U	U	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.315	5.67E-01	5.50E+00	—	pCi/L	U	U	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.59	5.00E-01	4.40E+00	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.72	5.00E-01	4.40E+00	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.753	4.67E-01	4.30E+00	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.864	4.33E-01	4.50E+00	—	pCi/L	U	U	11-231	CAPA-10-26901	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.352	5.00E-01	5.30E+00	—	pCi/L	U	U	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.58	5.00E-01	5.50E+00	—	pCi/L	U	U	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.991	6.00E-01	5.40E+00	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.898	5.00E-01	5.20E+00	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.249	2.60E-01	2.90E+00	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.681	1.70E-01	1.60E+00	—	pCi/L	U	U	11-231	CAPA-10-26901	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.59	2.80E-01	2.30E+00	—	pCi/L	U	U	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.24	2.80E-01	2.80E+00	—	pCi/L	U	U	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.07	2.90E-01	2.90E+00	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.969	2.73E-01	2.90E+00	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Rad	EPA:900	Gross beta	—	5.76	3.23E-01	2.40E+00	—	pCi/L	—	—	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.45	3.30E-01	2.20E+00	—	pCi/L	—	—	11-231	CAPA-10-26901	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	6.13	3.67E-01	2.80E+00	—	pCi/L	—	—	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	7.28	4.00E-01	2.00E+00	—	pCi/L	—	—	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	6.47	5.00E-01	4.10E+00	—	pCi/L	—	—	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	6.06	3.03E-01	2.00E+00	—	pCi/L	—	—	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	79.3	2.73E+01	8.50E+01	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	25.1	5.67E+00	4.90E+01	—	pCi/L	U	U	11-231	CAPA-10-26901	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	51.1	4.67E+00	3.60E+01	—	pCi/L	—	—	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	82.1	1.10E+01	8.20E+01	—	pCi/L	U	U	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	108	9.00E+00	8.20E+01	—	pCi/L	—	—	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	55.7	1.63E+01	8.60E+01	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-8.19	3.67E+00	3.70E+01	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.28	9.67E-01	8.90E+00	—	pCi/L	U	U	11-231	CAPA-10-26901	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.54	3.33E+00	3.10E+01	—	pCi/L	U	U	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	18.8	4.33E+00	4.60E+01	—	pCi/L	U	U	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	20.5	4.00E+00	4.10E+01	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	9.86	4.33E+00	4.10E+01	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00173	5.67E-04	3.10E-02	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-9.86E-10	1.93E-03	2.40E-02	—	pCi/L	U	U	11-231	CAPA-10-26901	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0159	4.00E-03	5.20E-02	—	pCi/L	U	U	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	5.67E-04	2.50E-02	—	pCi/L	U	U	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00179	6.00E-04	3.00E-02	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00316	7.33E-04	2.80E-02	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0104	1.43E-03	3.20E-02	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00207	1.20E-03	4.00E-02	—	pCi/L	U	U	11-231	CAPA-10-26901	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00411	1.70E-03	3.70E-02	—	pCi/L	U	U	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00345	8.00E-04	2.70E-02	—	pCi/L	U	U	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00358	8.33E-04	2.90E-02	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00633	1.07E-03	2.90E-02	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	38.8	5.33E+00	6.10E+01	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	32.5	6.33E+00	3.90E+01	—	pCi/L	U	U	11-231	CAPA-10-26901	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-4.78	6.00E+00	5.90E+01	—	pCi/L	U	U	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-7.39	7.00E+00	7.20E+01	—	pCi/L	U	U	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	7.88	6.00E+00	6.40E+01	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-32.2	6.33E+00	5.80E+01	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.92	4.33E-01	3.70E+00	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.57	5.00E-01	5.40E+00	—	pCi/L	U	U	11-231	CAPA-10-26901	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.37	5.00E-01	5.20E+00	—	pCi/L	U	U	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.269	5.33E-01	5.30E+00	—	pCi/L	U	U	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.239	4.67E-01	4.70E+00	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.379	4.67E-01	4.40E+00	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.00978	3.67E-02	4.30E-01	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0479	4.33E-02	4.80E-01	—	pCi/L	U	U	11-231	CAPA-10-26901	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0283	4.33E-02	4.70E-01	—	pCi/L	U	U	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.222	3.33E-02	4.00E-01	—	pCi/L	U	U	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.147	2.70E-02	3.90E-01	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.128	3.33E-02	3.40E-01	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0352	4.00E-03	1.00E-01	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.033	4.00E-03	5.00E-02	—	pCi/L	U	U	11-231	CAPA-10-26901	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0277	3.33E-03	5.30E-02	—	pCi/L	U	U	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0633	5.00E-03	9.40E-02	—	pCi/L	U	U	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0612	4.33E-03	7.10E-02	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0246	3.33E-03	1.10E-01	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0161	2.43E-03	4.70E-02	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.011	3.23E-03	3.90E-02	—	pCi/L	U	U	11-231	CAPA-10-26901	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00396	2.10E-03	4.10E-02	—	pCi/L	U	U	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	1.17E-03	4.90E-02	—	pCi/L	U	U	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0149	2.07E-03	3.60E-02	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	2.30E-03	5.10E-02	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0338	3.33E-03	4.70E-02	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	10/20/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0266	3.33E-03	3.00E-02	—	pCi/L	U	U	11-231	CAPA-10-26901	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0451	4.00E-03	3.70E-02	—	pCi/L	—	—	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0258	3.33E-03	5.90E-02	—	pCi/L	U	U	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0461	3.67E-03	4.30E-02	—	pCi/L	—	—	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0308	3.67E-03	5.10E-02	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7b2	8581	10	10/21/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	51.1	—	—	7.30E-01	mg/L	—	—	11-237	CAPA-10-26902	GELC
PCAO-7b2	8581	10	09/15/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	36.2	—	—	7.30E-01	mg/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	06/04/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	30.1	—	—	7.30E-01	mg/L	—	—	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	03/06/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	22.3	—	—	7.30E-01	mg/L	—	—	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	10/21/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.038	—	—	1.60E-02	mg/L	J	J-	11-237	CAPA-10-26902	GELC
PCAO-7b2	8581	10	09/15/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.024	—	—	1.60E-02	mg/L	J	J-	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	06/04/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	UJ	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	03/06/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	10/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	40.4	—	—	5.00E-02	mg/L	—	—	11-237	CAPA-10-26902	GELC
PCAO-7b2	8581	10	09/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	187	—	—	5.00E-02	mg/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	06/04/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	257	—	—	3.00E-02	mg/L	—	—	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	03/06/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	181	—	—	3.00E-02	mg/L	—	—	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	10/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	41.1	—	—	5.00E-02	mg/L	—	—	11-237	CAPA-10-26904	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCAO-7b2	8581	10	12/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	189	—	—	5.00E-02	mg/L	—	—	10-895	CAPA-10-6756	GELC
PCAO-7b2	8581	10	09/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	187	—	—	5.00E-02	mg/L	—	—	09-3240	CAPA-09-12194	GELC
PCAO-7b2	8581	10	03/06/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	186	—	—	3.00E-02	mg/L	—	—	09-1137	CAPA-09-4383	GELC
PCAO-7b2	8581	10	10/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	179	—	—	6.60E+00	mg/L	—	—	11-237	CAPA-10-26902	GELC
PCAO-7b2	8581	10	09/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	764	—	—	6.60E+00	mg/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	06/04/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	994	—	—	6.60E+00	mg/L	—	—	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	03/06/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	578	—	—	3.30E+00	mg/L	—	—	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	10/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.153	—	—	3.30E-02	mg/L	—	—	11-237	CAPA-10-26902	GELC
PCAO-7b2	8581	10	09/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.175	—	—	3.30E-02	mg/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	06/04/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.0946	—	—	3.30E-02	mg/L	J	J	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	03/06/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.124	—	—	3.30E-02	mg/L	—	—	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	10/21/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	145	—	—	3.50E-01	mg/L	—	—	11-237	CAPA-10-26902	GELC
PCAO-7b2	8581	10	09/15/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	697	—	—	3.50E-01	mg/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	06/04/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	937	—	—	3.50E-01	mg/L	—	—	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	03/06/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	666	—	—	3.50E-01	mg/L	—	—	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	10/21/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	148	—	—	3.50E-01	mg/L	—	—	11-237	CAPA-10-26904	GELC
PCAO-7b2	8581	10	12/10/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	705	—	—	3.50E-01	mg/L	—	—	10-895	CAPA-10-6756	GELC
PCAO-7b2	8581	10	09/15/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	701	—	—	3.50E-01	mg/L	—	—	09-3240	CAPA-09-12194	GELC
PCAO-7b2	8581	10	03/06/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	681	—	—	3.50E-01	mg/L	—	—	09-1137	CAPA-09-4383	GELC
PCAO-7b2	8581	10	10/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	10.7	—	—	8.50E-02	mg/L	—	—	11-237	CAPA-10-26902	GELC
PCAO-7b2	8581	10	09/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	56	—	—	8.50E-02	mg/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	06/04/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	71.5	—	—	8.50E-02	mg/L	—	—	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	03/06/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	52	—	—	8.50E-02	mg/L	—	—	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	10/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	10.9	—	—	8.50E-02	mg/L	—	—	11-237	CAPA-10-26904	GELC
PCAO-7b2	8581	10	12/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	56.8	—	—	8.50E-02	mg/L	—	—	10-895	CAPA-10-6756	GELC
PCAO-7b2	8581	10	09/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	56.9	—	—	8.50E-02	mg/L	—	—	09-3240	CAPA-09-12194	GELC
PCAO-7b2	8581	10	03/06/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	52.4	—	—	8.50E-02	mg/L	—	—	09-1137	CAPA-09-4383	GELC
PCAO-7b2	8581	10	10/21/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.7	—	—	1.00E-01	mg/L	—	J	11-237	CAPA-10-26902	GELC
PCAO-7b2	8581	10	09/15/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	4.13	—	—	1.00E-01	mg/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	06/04/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	4.69	—	—	5.00E-02	mg/L	—	J+	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	03/06/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	2.18	—	—	5.00E-02	mg/L	—	—	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	10/21/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.333	—	—	5.00E-02	ug/L	—	—	11-237	CAPA-10-26902	GELC
PCAO-7b2	8581	10	09/15/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.279	—	—	5.00E-02	ug/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	06/04/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.254	—	—	5.00E-02	ug/L	—	—	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	03/06/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.244	—	—	5.00E-02	ug/L	—	—	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	10/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.09	—	—	5.00E-02	mg/L	—	—	11-237	CAPA-10-26902	GELC
PCAO-7b2	8581	10	09/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	15.8	—	—	5.00E-02	mg/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	06/04/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	17.5	—	—	5.00E-02	mg/L	—	—	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	03/06/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	12.9	—	—	5.00E-02	mg/L	—	—	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	10/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.22	—	—	5.00E-02	mg/L	—	—	11-237	CAPA-10-26904	GELC
PCAO-7b2	8581	10	12/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	15.7	—	—	5.00E-02	mg/L	—	—	10-895	CAPA-10-6756	GELC
PCAO-7b2	8581	10	09/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	16	—	—	5.00E-02	mg/L	—	—	09-3240	CAPA-09-12194	GELC
PCAO-7b2	8581	10	03/06/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	14.5	—	—	5.00E-02	mg/L	—	—	09-1137	CAPA-09-4383	GELC
PCAO-7b2	8581	10	10/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	75	—	—	1.00E-01	mg/L	—	—	11-237	CAPA-10-26902	GELC
PCAO-7b2	8581	10	09/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	211	—	—	1.00E-01	mg/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	06/04/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	298	—	—	4.50E-02	mg/L	—	—	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	03/06/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	140	—	—	4.50E-02	mg/L	—	—	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	10/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	78.1	—	—	1.00E-01	mg/L	—	—	11-237	CAPA-10-26904	GELC
PCAO-7b2	8581	10	12/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	186	—	—	1.00E-01	mg/L	—	—	10-895	CAPA-10-6756	GELC
PCAO-7b2	8581	10	09/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	207	—	—	1.00E-01	mg/L	—	—	09-3240	CAPA-09-12194	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCAO-7b2	8581	10	03/06/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	139	—	—	4.50E-02	mg/L	—	—	09-1137	CAPA-09-4383	GELC
PCAO-7b2	8581	10	10/21/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	744	—	—	1.00E+00	uS/cm	—	—	11-237	CAPA-10-26902	GELC
PCAO-7b2	8581	10	09/15/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	25700	—	—	1.00E+00	uS/cm	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	10/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.7	—	—	1.00E-01	mg/L	—	—	11-237	CAPA-10-26902	GELC
PCAO-7b2	8581	10	09/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	15.1	—	—	1.00E-01	mg/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	06/04/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	17.2	—	—	1.00E-01	mg/L	—	—	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	03/06/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12.9	—	—	1.00E-01	mg/L	—	—	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	10/21/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	464	—	—	2.40E+00	mg/L	—	—	11-237	CAPA-10-26902	GELC
PCAO-7b2	8581	10	09/15/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	1690	—	—	2.40E+00	mg/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	06/04/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	2140	—	—	2.40E+00	mg/L	—	—	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	03/06/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	1360	—	—	2.40E+00	mg/L	H	J-	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	10/21/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.15	—	—	3.30E-02	mg/L	—	—	11-237	CAPA-10-26904	GELC
PCAO-7b2	8581	10	12/18/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.252	—	—	2.90E-02	mg/L	—	U	09-549	CAPA-09-1147	GELC
PCAO-7b2	8581	10	09/13/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	2.90E-02	mg/L	U	U	08-1934	CAPA-08-14985	GELC
PCAO-7b2	8581	10	06/25/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.198	—	—	2.90E-02	mg/L	—	J-	08-1484	CAPA-08-13117	GELC
PCAO-7b2	8581	10	10/21/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.01	—	—	3.30E-01	mg/L	—	—	11-237	CAPA-10-26904	GELC
PCAO-7b2	8581	10	12/18/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.73	—	—	6.60E-01	mg/L	—	—	09-549	CAPA-09-1147	GELC
PCAO-7b2	8581	10	09/13/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.06	—	—	3.30E-01	mg/L	—	—	08-1934	CAPA-08-14985	GELC
PCAO-7b2	8581	10	06/25/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.72	—	—	3.30E-01	mg/L	—	—	08-1484	CAPA-08-13117	GELC
PCAO-7b2	8581	10	10/21/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.17	—	—	1.00E-02	SU	H	J-	11-237	CAPA-10-26902	GELC
PCAO-7b2	8581	10	09/15/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.5	—	—	1.00E-02	SU	H	J-	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	09/15/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	243	—	—	6.80E+01	ug/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	06/04/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	03/06/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	155	—	—	6.80E+01	ug/L	J	U	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	366	—	—	6.80E+01	ug/L	—	—	11-237	CAPA-10-26904	GELC
PCAO-7b2	8581	10	12/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	381	—	—	6.80E+01	ug/L	—	—	10-895	CAPA-10-6756	GELC
PCAO-7b2	8581	10	09/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	3220	—	—	6.80E+01	ug/L	—	—	09-3240	CAPA-09-12194	GELC
PCAO-7b2	8581	10	03/06/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	8370	—	—	6.80E+01	ug/L	—	—	09-1137	CAPA-09-4383	GELC
PCAO-7b2	8581	10	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	322	—	—	1.00E+00	ug/L	—	—	11-237	CAPA-10-26902	GELC
PCAO-7b2	8581	10	09/15/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	1740	—	—	1.00E+00	ug/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	06/04/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	2580	—	—	1.00E+00	ug/L	—	—	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	03/06/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	1230	—	—	1.00E+00	ug/L	—	—	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	333	—	—	1.00E+00	ug/L	—	—	11-237	CAPA-10-26904	GELC
PCAO-7b2	8581	10	12/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	1770	—	—	1.00E+00	ug/L	N	J+	10-895	CAPA-10-6756	GELC
PCAO-7b2	8581	10	09/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	1770	—	—	1.00E+00	ug/L	—	—	09-3240	CAPA-09-12194	GELC
PCAO-7b2	8581	10	03/06/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	1280	—	—	1.00E+00	ug/L	—	—	09-1137	CAPA-09-4383	GELC
PCAO-7b2	8581	10	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	31.3	—	—	1.50E+01	ug/L	J	J	11-237	CAPA-10-26902	GELC
PCAO-7b2	8581	10	09/15/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	16.7	—	—	1.50E+01	ug/L	J	J	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	06/04/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	22.3	—	—	1.00E+01	ug/L	J	J	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	03/06/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	35.4	—	—	1.00E+01	ug/L	J	U	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	31.7	—	—	1.50E+01	ug/L	J	J	11-237	CAPA-10-26904	GELC
PCAO-7b2	8581	10	12/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	28.6	—	—	1.50E+01	ug/L	J	J	10-895	CAPA-10-6756	GELC
PCAO-7b2	8581	10	09/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	17	—	—	1.50E+01	ug/L	J	J	09-3240	CAPA-09-12194	GELC
PCAO-7b2	8581	10	03/06/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	36.3	—	—	1.00E+01	ug/L	J	U	09-1137	CAPA-09-4383	GELC
PCAO-7b2	8581	10	09/15/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	87.4	—	—	3.00E+01	ug/L	J	J	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	06/04/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	03/06/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	32.5	—	—	2.50E+01	ug/L	J	J	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	438	—	—	3.00E+01	ug/L	—	—	11-237	CAPA-10-26904	GELC
PCAO-7b2	8581	10	12/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	154	—	—	3.00E+01	ug/L	—	—	10-895	CAPA-10-6756	GELC
PCAO-7b2	8581	10	09/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1520	—	—	3.00E+01	ug/L	—	—	09-3240	CAPA-09-12194	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCAO-7b2	8581	10	03/06/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	4150	—	—	2.50E+01	ug/L	—	—	09-1137	CAPA-09-4383	GELC
PCAO-7b2	8581	10	09/15/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	15.7	—	—	2.00E+00	ug/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	06/04/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	8.42	—	—	2.00E+00	ug/L	J	J	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	03/06/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	10.1	—	—	2.00E+00	ug/L	—	—	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	19.1	—	—	2.00E+00	ug/L	—	—	11-237	CAPA-10-26904	GELC
PCAO-7b2	8581	10	12/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	22.5	—	—	2.00E+00	ug/L	—	—	10-895	CAPA-10-6756	GELC
PCAO-7b2	8581	10	09/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	69.1	—	—	2.00E+00	ug/L	—	—	09-3240	CAPA-09-12194	GELC
PCAO-7b2	8581	10	03/06/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	234	—	—	2.00E+00	ug/L	—	—	09-1137	CAPA-09-4383	GELC
PCAO-7b2	8581	10	10/21/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.993	—	—	5.00E-01	ug/L	J	J	11-237	CAPA-10-26902	GELC
PCAO-7b2	8581	10	09/15/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.92	—	—	5.00E-01	ug/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	06/04/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	5.2	—	—	5.00E-01	ug/L	—	—	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	03/06/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.7	—	—	5.00E-01	ug/L	—	—	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	10/21/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	5.00E-01	ug/L	J	J	11-237	CAPA-10-26904	GELC
PCAO-7b2	8581	10	12/10/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	6.48	—	—	5.00E-01	ug/L	—	—	10-895	CAPA-10-6756	GELC
PCAO-7b2	8581	10	09/15/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.6	—	—	5.00E-01	ug/L	—	—	09-3240	CAPA-09-12194	GELC
PCAO-7b2	8581	10	03/06/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	6.1	—	—	5.00E-01	ug/L	—	—	09-1137	CAPA-09-4383	GELC
PCAO-7b2	8581	10	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	36.7	—	—	5.30E-02	mg/L	—	—	11-237	CAPA-10-26902	GELC
PCAO-7b2	8581	10	09/15/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	40.4	—	—	5.30E-02	mg/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	06/04/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	34.3	—	—	3.20E-02	mg/L	—	—	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	03/06/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	36.7	—	—	3.20E-02	mg/L	—	—	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	323	—	—	1.00E+00	ug/L	—	—	11-237	CAPA-10-26902	GELC
PCAO-7b2	8581	10	09/15/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	1670	—	—	1.00E+00	ug/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	06/04/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	2240	—	—	1.00E+00	ug/L	—	—	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	03/06/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	1410	—	—	1.00E+00	ug/L	—	—	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	327	—	—	1.00E+00	ug/L	—	—	11-237	CAPA-10-26904	GELC
PCAO-7b2	8581	10	12/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	1650	—	—	1.00E+00	ug/L	—	—	10-895	CAPA-10-6756	GELC
PCAO-7b2	8581	10	09/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	1670	—	—	1.00E+00	ug/L	—	—	09-3240	CAPA-09-12194	GELC
PCAO-7b2	8581	10	03/06/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	1400	—	—	1.00E+00	ug/L	—	—	09-1137	CAPA-09-4383	GELC
PCAO-7b2	8581	10	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	—	5.07	—	—	2.50E+00	ug/L	J	J	11-237	CAPA-10-26902	GELC
PCAO-7b2	8581	10	09/15/09	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	500	—	—	1.30E+02	ug/L	U	U	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	06/04/09	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	500	—	—	1.30E+02	ug/L	U	U	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	03/06/09	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	200	—	—	5.00E+01	ug/L	U	U	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	—	6.85	—	—	2.50E+00	ug/L	J	J	11-237	CAPA-10-26904	GELC
PCAO-7b2	8581	10	12/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	500	—	—	1.30E+02	ug/L	UN	U	10-895	CAPA-10-6756	GELC
PCAO-7b2	8581	10	09/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	500	—	—	1.30E+02	ug/L	U	U	09-3240	CAPA-09-12194	GELC
PCAO-7b2	8581	10	03/06/09	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	200	—	—	5.00E+01	ug/L	U	U	09-1137	CAPA-09-4383	GELC
PCAO-7b2	8581	10	10/21/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.055	—	—	5.00E-02	ug/L	J	J	11-237	CAPA-10-26902	GELC
PCAO-7b2	8581	10	09/15/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.08	—	—	5.00E-02	ug/L	J	U	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	06/04/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.2	—	—	5.00E-02	ug/L	U	U	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	03/06/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.069	—	—	5.00E-02	ug/L	J	J	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	10/21/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.08	—	—	5.00E-02	ug/L	J	J	11-237	CAPA-10-26904	GELC
PCAO-7b2	8581	10	12/10/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.216	—	—	5.00E-02	ug/L	—	—	10-895	CAPA-10-6756	GELC
PCAO-7b2	8581	10	09/15/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.264	—	—	5.00E-02	ug/L	—	U	09-3240	CAPA-09-12194	GELC
PCAO-7b2	8581	10	03/06/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.47	—	—	5.00E-02	ug/L	—	—	09-1137	CAPA-09-4383	GELC
PCAO-7b2	8581	10	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.84	—	—	3.30E+00	ug/L	J	J	11-237	CAPA-10-26902	GELC
PCAO-7b2	8581	10	09/15/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	137	—	—	3.30E+00	ug/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	06/04/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	163	—	—	2.00E+00	ug/L	—	—	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	03/06/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	143	—	—	2.00E+00	ug/L	—	—	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.33	—	—	3.30E+00	ug/L	J	J	11-237	CAPA-10-26904	GELC
PCAO-7b2	8581	10	12/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	22	—	—	3.30E+00	ug/L	—	—	10-895	CAPA-10-6756	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCAO-7b2	8581	10	09/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	145	—	—	3.30E+00	ug/L	—	—	09-3240	CAPA-09-12194	GELC
PCAO-7b2	8581	10	03/06/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	132	—	—	2.00E+00	ug/L	—	—	09-1137	CAPA-09-4383	GELC
PCAO-7b2	8581	10	06/25/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.000362	9.67E-04	3.70E-02	—	pCi/L	U	U	08-1484	CAPA-08-13116	GELC
PCAO-7b2	8581	10	10/21/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00539	1.20E-03	4.10E-02	—	pCi/L	U	U	11-236	CAPA-10-26904	GELC
PCAO-7b2	8581	10	09/13/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00165	3.27E-03	2.80E-02	—	pCi/L	U	U	08-1934	CAPA-08-14985	GELC
PCAO-7b2	8581	10	06/25/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0124	1.43E-03	3.40E-02	—	pCi/L	U	U	08-1484	CAPA-08-13117	GELC
PCAO-7b2	8581	10	06/25/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.56	3.67E-01	3.20E+00	—	pCi/L	U	U	08-1484	CAPA-08-13116	GELC
PCAO-7b2	8581	10	10/21/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.49	4.67E-01	5.10E+00	—	pCi/L	U	U	11-236	CAPA-10-26904	GELC
PCAO-7b2	8581	10	09/13/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.532	4.67E-01	4.30E+00	—	pCi/L	U	U	08-1934	CAPA-08-14985	GELC
PCAO-7b2	8581	10	06/25/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.99	4.00E-01	3.70E+00	—	pCi/L	U	U	08-1484	CAPA-08-13117	GELC
PCAO-7b2	8581	10	06/25/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.46	4.33E-01	3.60E+00	—	pCi/L	U	U	08-1484	CAPA-08-13116	GELC
PCAO-7b2	8581	10	10/21/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.32	5.33E-01	5.00E+00	—	pCi/L	U	U	11-236	CAPA-10-26904	GELC
PCAO-7b2	8581	10	09/13/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.313	4.67E-01	4.70E+00	—	pCi/L	U	U	08-1934	CAPA-08-14985	GELC
PCAO-7b2	8581	10	06/25/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.91	4.00E-01	3.50E+00	—	pCi/L	U	U	08-1484	CAPA-08-13117	GELC
PCAO-7b2	8581	10	10/21/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	5.05	5.00E-01	2.60E+00	—	pCi/L	—	—	11-236	CAPA-10-26904	GELC
PCAO-7b2	8581	10	10/21/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.85	3.13E-01	2.10E+00	—	pCi/L	—	—	11-236	CAPA-10-26904	GELC
PCAO-7b2	8581	10	06/25/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	45.5	9.33E+00	4.50E+01	—	pCi/L	—	U	08-1484	CAPA-08-13116	GELC
PCAO-7b2	8581	10	10/21/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	35	1.30E+01	3.70E+01	—	pCi/L	U	U	11-236	CAPA-10-26904	GELC
PCAO-7b2	8581	10	09/13/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	16	4.33E+00	1.70E+01	—	pCi/L	U	U	08-1934	CAPA-08-14985	GELC
PCAO-7b2	8581	10	06/25/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	42.7	8.33E+00	6.20E+01	—	pCi/L	U	U	08-1484	CAPA-08-13117	GELC
PCAO-7b2	8581	10	06/25/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-13.5	3.13E+00	2.90E+01	—	pCi/L	U	U	08-1484	CAPA-08-13116	GELC
PCAO-7b2	8581	10	10/21/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.535	9.33E-01	9.40E+00	—	pCi/L	U	U	11-236	CAPA-10-26904	GELC
PCAO-7b2	8581	10	09/13/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-21.3	3.67E+00	2.90E+01	—	pCi/L	U	U	08-1934	CAPA-08-14985	GELC
PCAO-7b2	8581	10	06/25/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.08	3.10E+00	2.50E+01	—	pCi/L	U	U	08-1484	CAPA-08-13117	GELC
PCAO-7b2	8581	10	06/25/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00604	2.03E-03	2.40E-02	—	pCi/L	U	U	08-1484	CAPA-08-13116	GELC
PCAO-7b2	8581	10	10/21/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0018	8.33E-04	2.00E-02	—	pCi/L	U	U	11-236	CAPA-10-26904	GELC
PCAO-7b2	8581	10	09/13/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00795	1.77E-03	4.00E-02	—	pCi/L	U	U	08-1934	CAPA-08-14985	GELC
PCAO-7b2	8581	10	06/25/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0102	3.67E-03	2.40E-02	—	pCi/L	U	U	08-1484	CAPA-08-13117	GELC
PCAO-7b2	8581	10	06/25/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00201	1.50E-03	3.10E-02	—	pCi/L	U	U	08-1484	CAPA-08-13116	GELC
PCAO-7b2	8581	10	10/21/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00539	1.03E-03	3.50E-02	—	pCi/L	U	U	11-236	CAPA-10-26904	GELC
PCAO-7b2	8581	10	09/13/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0132	2.63E-03	4.60E-02	—	pCi/L	U	U	08-1934	CAPA-08-14985	GELC
PCAO-7b2	8581	10	06/25/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0061	2.63E-03	3.20E-02	—	pCi/L	U	U	08-1484	CAPA-08-13117	GELC
PCAO-7b2	8581	10	06/25/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	0.818	5.67E+00	5.70E+01	—	pCi/L	U	U	08-1484	CAPA-08-13116	GELC
PCAO-7b2	8581	10	10/21/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	14.3	7.00E+00	7.50E+01	—	pCi/L	U	U	11-236	CAPA-10-26904	GELC
PCAO-7b2	8581	10	09/13/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-1.3	6.00E+00	6.00E+01	—	pCi/L	U	U	08-1934	CAPA-08-14985	GELC
PCAO-7b2	8581	10	06/25/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	50.5	4.67E+00	5.60E+01	—	pCi/L	U	U	08-1484	CAPA-08-13117	GELC
PCAO-7b2	8581	10	06/25/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.353	3.67E-01	3.70E+00	—	pCi/L	U	U	08-1484	CAPA-08-13116	GELC
PCAO-7b2	8581	10	10/21/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.37	5.67E-01	4.70E+00	—	pCi/L	U	U	11-236	CAPA-10-26904	GELC
PCAO-7b2	8581	10	09/13/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.0208	5.67E-01	5.50E+00	—	pCi/L	U	U	08-1934	CAPA-08-14985	GELC
PCAO-7b2	8581	10	06/25/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.808	3.67E-01	3.80E+00	—	pCi/L	U	U	08-1484	CAPA-08-13117	GELC
PCAO-7b2	8581	10	06/25/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0258	2.90E-02	3.30E-01	—	pCi/L	U	U	08-1484	CAPA-08-13116	GELC
PCAO-7b2	8581	10	10/21/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.162	4.67E-02	4.90E-01	—	pCi/L	U	U	11-236	CAPA-10-26904	GELC
PCAO-7b2	8581	10	09/13/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0344	1.93E-02	2.00E-01	—	pCi/L	U	U	08-1934	CAPA-08-14985	GELC
PCAO-7b2	8581	10	06/25/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0831	3.03E-02	3.20E-01	—	pCi/L	U	U	08-1484	CAPA-08-13117	GELC
PCAO-7b2	8581	10	06/25/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.12	9.67E-03	1.80E-01	—	pCi/L	U	U	08-1484	CAPA-08-13116	GELC
PCAO-7b2	8581	10	10/21/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0346	3.67E-03	4.60E-02	—	pCi/L	U	U	11-236	CAPA-10-26904	GELC
PCAO-7b2	8581	10	09/13/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.116	6.67E-03	9.00E-02	—	pCi/L	—	—	08-1934	CAPA-08-14985	GELC
PCAO-7b2	8581	10	06/25/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.189	8.00E-03	8.00E-02	—	pCi/L	—	—	08-1484	CAPA-08-13117	GELC
PCAO-7b2	8581	10	06/25/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0186	4.67E-03	9.90E-02	—	pCi/L	U	U	08-1484	CAPA-08-13116	GELC
PCAO-7b2	8581	10	10/21/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0167	2.50E-03	3.50E-02	—	pCi/L	U	U	11-236	CAPA-10-26904	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCAO-7b2	8581	10	09/13/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	2.13E-03	4.70E-02	—	pCi/L	U	U	08-1934	CAPA-08-14985	GELC
PCAO-7b2	8581	10	06/25/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0165	3.20E-03	4.40E-02	—	pCi/L	U	U	08-1484	CAPA-08-13117	GELC
PCAO-7b2	8581	10	06/25/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.11	9.33E-03	1.10E-01	—	pCi/L	—	—	08-1484	CAPA-08-13116	GELC
PCAO-7b2	8581	10	10/21/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0431	4.00E-03	2.80E-02	—	pCi/L	—	—	11-236	CAPA-10-26904	GELC
PCAO-7b2	8581	10	09/13/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0926	5.67E-03	5.00E-02	—	pCi/L	—	—	08-1934	CAPA-08-14985	GELC
PCAO-7b2	8581	10	06/25/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.125	6.33E-03	4.80E-02	—	pCi/L	—	—	08-1484	CAPA-08-13117	GELC
PCAO-7c	8531	9.7	10/07/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.8	—	—	7.30E-01	mg/L	—	—	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	9.7	03/02/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	51.9	—	—	7.30E-01	mg/L	—	—	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	9.7	12/10/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	54.4	—	—	7.30E-01	mg/L	—	—	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	9.7	09/14/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.5	—	—	7.30E-01	mg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52	—	—	7.30E-01	mg/L	—	—	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.6	—	—	5.00E-02	mg/L	—	—	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	9.7	03/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.3	—	—	5.00E-02	mg/L	—	—	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	9.7	12/10/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.8	—	—	5.00E-02	mg/L	—	—	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	9.7	09/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.5	—	—	5.00E-02	mg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.7	—	—	3.00E-02	mg/L	—	—	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.7	—	—	5.00E-02	mg/L	—	—	11-93	CAPA-10-26906	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.7	—	—	5.00E-02	mg/L	—	—	10-2249	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.5	—	—	5.00E-02	mg/L	—	—	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.1	—	—	5.00E-02	mg/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.8	—	—	3.00E-02	mg/L	—	—	09-2179	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	10/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	52.7	—	—	6.60E-01	mg/L	—	—	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	9.7	03/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.5	—	—	1.30E-01	mg/L	H	J-	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	9.7	12/10/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.6	—	—	3.30E-01	mg/L	H	J-	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	9.7	09/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	22.5	—	—	3.30E-01	mg/L	—	J-	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	30.9	—	—	1.30E-01	mg/L	—	—	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.178	—	—	3.30E-02	mg/L	—	—	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	9.7	03/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.172	—	—	3.30E-02	mg/L	—	—	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	9.7	12/10/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.112	—	—	3.30E-02	mg/L	H	J-	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	9.7	09/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.29	—	—	3.30E-02	mg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	09/14/09	WG	F	RE	—	Geninorg	EPA:300.0	Fluoride	—	0.255	—	—	3.30E-02	mg/L	H	J-	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.252	—	—	3.30E-02	mg/L	—	—	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	92.9	—	—	3.50E-01	mg/L	—	—	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	9.7	03/02/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	60.2	—	—	3.50E-01	mg/L	—	—	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	9.7	12/10/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	62	—	—	3.50E-01	mg/L	—	—	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	9.7	09/14/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	65.2	—	—	3.50E-01	mg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	64.5	—	—	3.50E-01	mg/L	—	—	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	95.3	—	—	3.50E-01	mg/L	—	—	11-93	CAPA-10-26906	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	61.8	—	—	3.50E-01	mg/L	—	—	10-2249	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	61.1	—	—	3.50E-01	mg/L	—	—	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	66.9	—	—	3.50E-01	mg/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	65.3	—	—	3.50E-01	mg/L	—	—	09-2179	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	10/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.45	—	—	8.50E-02	mg/L	—	—	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	9.7	03/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.74	—	—	8.50E-02	mg/L	—	—	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	9.7	12/10/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.85	—	—	8.50E-02	mg/L	—	—	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	9.7	09/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.2	—	—	8.50E-02	mg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.94	—	—	8.50E-02	mg/L	—	—	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.54	—	—	8.50E-02	mg/L	—	—	11-93	CAPA-10-26906	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.87	—	—	8.50E-02	mg/L	—	—	10-2249	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.83	—	—	8.50E-02	mg/L	—	—	10-895	CAPA-10-6758	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.3	—	—	8.50E-02	mg/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.09	—	—	8.50E-02	mg/L	—	—	09-2179	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	10/07/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.63	—	—	5.00E-02	mg/L	—	—	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	9.7	03/02/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.445	—	—	5.00E-02	mg/L	—	—	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	9.7	12/10/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.223	—	—	5.00E-02	mg/L	J	J	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	9.7	09/14/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.262	—	—	5.00E-02	mg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.54	—	—	5.00E-02	mg/L	—	—	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.185	—	—	5.00E-02	ug/L	J	J	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	9.7	03/02/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0729	—	—	5.00E-02	ug/L	J	J	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	9.7	12/10/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0614	—	—	5.00E-02	ug/L	J	J	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	9.7	09/14/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0752	—	—	5.00E-02	ug/L	J	J	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.122	—	—	5.00E-02	ug/L	J	J	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.63	—	—	5.00E-02	mg/L	—	—	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	9.7	03/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.72	—	—	5.00E-02	mg/L	—	—	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	9.7	12/10/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.69	—	—	5.00E-02	mg/L	—	—	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	9.7	09/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.81	—	—	5.00E-02	mg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.34	—	—	5.00E-02	mg/L	—	—	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.72	—	—	5.00E-02	mg/L	—	—	11-93	CAPA-10-26906	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.75	—	—	5.00E-02	mg/L	—	—	10-2249	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.75	—	—	5.00E-02	mg/L	—	—	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.93	—	—	5.00E-02	mg/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.39	—	—	5.00E-02	mg/L	—	—	09-2179	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	10/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	26.1	—	—	1.00E-01	mg/L	—	—	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	9.7	03/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.4	—	—	1.00E-01	mg/L	—	—	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	9.7	12/10/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.4	—	—	1.00E-01	mg/L	—	—	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	9.7	09/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	21.9	—	—	1.00E-01	mg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.8	—	—	4.50E-02	mg/L	—	—	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	25.5	—	—	1.00E-01	mg/L	—	—	11-93	CAPA-10-26906	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.6	—	—	1.00E-01	mg/L	—	—	10-2249	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	19	—	—	1.00E-01	mg/L	—	—	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	22.2	—	—	1.00E-01	mg/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.5	—	—	4.50E-02	mg/L	—	—	09-2179	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	10/07/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	365	—	—	1.00E+00	uS/cm	—	—	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	9.7	03/02/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	233	—	—	1.00E+00	uS/cm	—	—	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	9.7	12/10/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	217	—	—	1.00E+00	uS/cm	—	—	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	9.7	09/14/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	244	—	—	1.00E+00	uS/cm	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	241	—	—	1.00E+00	uS/cm	—	—	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	17.8	—	—	1.00E-01	mg/L	—	—	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	9.7	03/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.7	—	—	1.00E-01	mg/L	—	—	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	9.7	12/10/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	15.2	—	—	1.00E-01	mg/L	H	J-	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	9.7	09/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.7	—	—	1.00E-01	mg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.6	—	—	1.00E-01	mg/L	—	—	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	241	—	—	2.40E+00	mg/L	—	—	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	9.7	03/02/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	161	—	—	2.40E+00	mg/L	—	—	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	9.7	12/10/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	148	—	—	2.40E+00	mg/L	—	—	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	9.7	09/14/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	409	—	—	2.40E+00	mg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	268	—	—	2.40E+00	mg/L	—	—	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.14	—	—	3.30E-01	mg/L	—	—	11-93	CAPA-10-26906	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.13	—	—	3.30E-01	mg/L	—	—	10-2248	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.58	—	—	3.30E-01	mg/L	—	—	10-895	CAPA-10-6758	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.18	—	—	3.30E-01	mg/L	—	—	09-2178	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	02/24/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.86	—	—	3.30E-01	mg/L	—	—	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	10/07/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.055	—	—	1.50E-02	mg/L	—	—	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	9.7	03/02/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.085	—	—	1.50E-02	mg/L	—	U	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	9.7	12/10/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.074	—	—	1.50E-02	mg/L	—	U	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	9.7	09/14/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.077	—	—	1.50E-02	mg/L	—	U	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.044	—	—	1.50E-02	mg/L	J	U	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.64	—	—	1.00E-02	SU	H	J-	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	9.7	03/02/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.38	—	—	1.00E-02	SU	H	J-	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	9.7	12/10/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.34	—	—	1.00E-02	SU	H	J-	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	9.7	09/14/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.46	—	—	1.00E-02	SU	H	J-	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.48	—	—	1.00E-02	SU	H	J-	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	115	—	—	6.80E+01	ug/L	J	J	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	9.7	03/02/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	102	—	—	6.80E+01	ug/L	J	J+	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	9.7	12/10/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	138	—	—	6.80E+01	ug/L	J	J	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	9.7	09/14/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	817	—	—	6.80E+01	ug/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	315	—	—	6.80E+01	ug/L	—	U	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	218	—	—	6.80E+01	ug/L	—	—	11-93	CAPA-10-26906	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	159	—	—	6.80E+01	ug/L	J	J+	10-2249	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	817	—	—	6.80E+01	ug/L	—	—	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1170	—	—	6.80E+01	ug/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	988	—	—	6.80E+01	ug/L	—	—	09-2179	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	127	—	—	1.00E+00	ug/L	—	—	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	9.7	03/02/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	84.6	—	—	1.00E+00	ug/L	—	—	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	9.7	12/10/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	90	—	—	1.00E+00	ug/L	N	J+	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	9.7	09/14/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	95.4	—	—	1.00E+00	ug/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	84.6	—	—	1.00E+00	ug/L	—	—	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	127	—	—	1.00E+00	ug/L	—	—	11-93	CAPA-10-26906	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	89.5	—	—	1.00E+00	ug/L	—	—	10-2249	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	91.7	—	—	1.00E+00	ug/L	N	J+	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	100	—	—	1.00E+00	ug/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	86.7	—	—	1.00E+00	ug/L	—	—	09-2179	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	39.4	—	—	1.50E+01	ug/L	J	J	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	9.7	03/02/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	58.1	—	—	1.50E+01	ug/L	—	—	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	9.7	12/10/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	57.1	—	—	1.50E+01	ug/L	—	—	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	9.7	09/14/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	42.1	—	—	1.50E+01	ug/L	J	U	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	32	—	—	1.00E+01	ug/L	J	J	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	37.1	—	—	1.50E+01	ug/L	J	J	11-93	CAPA-10-26906	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	58.5	—	—	1.50E+01	ug/L	—	—	10-2249	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	58.4	—	—	1.50E+01	ug/L	—	—	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	44.7	—	—	1.50E+01	ug/L	J	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	30.9	—	—	1.00E+01	ug/L	J	J	09-2179	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	67.6	—	—	3.00E+01	ug/L	J	J	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	9.7	03/02/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	57.9	—	—	3.00E+01	ug/L	J	J	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	9.7	12/10/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	73.9	—	—	3.00E+01	ug/L	J	J	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	9.7	09/14/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	461	—	—	3.00E+01	ug/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	153	—	—	2.50E+01	ug/L	—	U	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	117	—	—	3.00E+01	ug/L	—	—	11-93	CAPA-10-26906	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	101	—	—	3.00E+01	ug/L	—	J	10-2249	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	389	—	—	3.00E+01	ug/L	—	—	10-895	CAPA-10-6758	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	652	—	—	3.00E+01	ug/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	485	—	—	2.50E+01	ug/L	—	J	09-2179	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	03/02/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.59	—	—	2.00E+00	ug/L	J	J	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	9.7	12/10/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	9.7	09/14/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	6.75	—	—	2.00E+00	ug/L	J	J	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.1	—	—	2.00E+00	ug/L	J	J	11-93	CAPA-10-26906	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.92	—	—	2.00E+00	ug/L	J	J	10-2249	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.89	—	—	2.00E+00	ug/L	J	J	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	10.8	—	—	2.00E+00	ug/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.69	—	—	2.00E+00	ug/L	J	J	09-2179	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	10/07/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.443	—	—	1.00E-01	ug/L	J	J	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	9.7	03/02/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.418	—	—	1.00E-01	ug/L	J	J	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	9.7	12/10/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.425	—	—	1.00E-01	ug/L	J	J	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	9.7	09/14/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.483	—	—	1.00E-01	ug/L	J	J	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.569	—	—	1.00E-01	ug/L	—	—	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.425	—	—	1.00E-01	ug/L	J	J	11-93	CAPA-10-26906	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.386	—	—	1.00E-01	ug/L	J	J	10-2249	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.429	—	—	1.00E-01	ug/L	J	J	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.492	—	—	1.00E-01	ug/L	J	J	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.553	—	—	1.00E-01	ug/L	—	—	09-2179	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	10/07/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.05	—	—	5.00E-01	ug/L	J	J	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	9.7	03/02/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.08	—	—	5.00E-01	ug/L	J	J	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	9.7	12/10/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.99	—	—	5.00E-01	ug/L	J	J	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	9.7	09/14/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.01	—	—	5.00E-01	ug/L	J	J	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.763	—	—	5.00E-01	ug/L	J	J	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.14	—	—	5.00E-01	ug/L	J	J	11-93	CAPA-10-26906	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.946	—	—	5.00E-01	ug/L	J	J	10-2249	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.14	—	—	5.00E-01	ug/L	J	J	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.15	—	—	5.00E-01	ug/L	J	J	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1	—	—	5.00E-01	ug/L	J	J	09-2179	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	47.4	—	—	5.30E-02	mg/L	—	—	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	9.7	03/02/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	48.3	—	—	5.30E-02	mg/L	—	—	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	9.7	12/10/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	50.5	—	—	5.30E-02	mg/L	—	—	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	9.7	09/14/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	48.6	—	—	5.30E-02	mg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	43.8	—	—	3.20E-02	mg/L	—	—	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	170	—	—	1.00E+00	ug/L	—	—	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	9.7	03/02/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	109	—	—	1.00E+00	ug/L	—	—	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	9.7	12/10/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	111	—	—	1.00E+00	ug/L	—	—	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	9.7	09/14/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	118	—	—	1.00E+00	ug/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	110	—	—	1.00E+00	ug/L	—	—	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	170	—	—	1.00E+00	ug/L	—	—	11-93	CAPA-10-26906	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	112	—	—	1.00E+00	ug/L	—	—	10-2249	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	109	—	—	1.00E+00	ug/L	—	—	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	120	—	—	1.00E+00	ug/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	108	—	—	1.00E+00	ug/L	—	—	09-2179	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	—	7.8	—	—	2.50E+00	ug/L	J	J	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	9.7	03/02/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	9.7	12/10/09	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	100	—	—	2.50E+01	ug/L	UN	U	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	9.7	09/14/09	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	09-3224	CAPA-09-12219	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	—	6.57	—	—	2.50E+00	ug/L	J	J	11-93	CAPA-10-26906	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-2249	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	100	—	—	2.50E+01	ug/L	UN	U	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	09-2179	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.24	—	—	3.30E+00	ug/L	J	J	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	9.7	03/02/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	9.7	12/10/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.97	—	—	3.30E+00	ug/L	J	J	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	9.7	09/14/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.86	—	—	3.30E+00	ug/L	J	J	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	18.8	—	—	2.00E+00	ug/L	—	—	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.61	—	—	3.30E+00	ug/L	J	J	11-93	CAPA-10-26906	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.4	—	—	3.30E+00	ug/L	J	J	10-2249	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	6.29	—	—	3.30E+00	ug/L	J	J	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.4	—	—	3.30E+00	ug/L	J	J	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	21.6	—	—	2.00E+00	ug/L	—	—	09-2179	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00573	1.13E-03	3.60E-02	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0182	2.37E-03	5.20E-02	—	pCi/L	U	U	11-92	CAPA-10-26906	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0024	1.40E-03	4.30E-02	—	pCi/L	U	U	10-2250	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00285	8.33E-04	3.30E-02	—	pCi/L	U	U	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0014	7.00E-04	3.80E-02	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0107	1.53E-03	3.60E-02	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.05	4.67E-01	4.20E+00	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.223	4.33E-01	4.10E+00	—	pCi/L	U	U	11-92	CAPA-10-26906	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.176	2.70E-01	2.60E+00	—	pCi/L	U	U	10-2250	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.93	3.33E-01	3.20E+00	—	pCi/L	U	U	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-3.47	5.33E-01	5.00E+00	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.84	5.33E-01	4.30E+00	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.2	5.00E-01	4.70E+00	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	3.16	5.33E-01	6.00E+00	—	pCi/L	U	U	11-92	CAPA-10-26906	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.17	2.87E-01	3.00E+00	—	pCi/L	U	U	10-2250	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.598	3.30E-01	3.40E+00	—	pCi/L	U	U	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.261	3.67E-01	3.90E+00	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.498	4.00E-01	4.00E+00	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	1.11	2.47E-01	2.40E+00	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.184	1.83E-01	2.40E+00	—	pCi/L	U	U	11-92	CAPA-10-26906	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.269	2.03E-01	2.50E+00	—	pCi/L	U	U	10-2250	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.985	2.53E-01	2.60E+00	—	pCi/L	U	U	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.62	2.67E-01	2.10E+00	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.24	2.97E-02	1.60E+00	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Rad	EPA:900	Gross beta	—	2.64	1.60E-01	1.20E+00	—	pCi/L	—	—	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.72	3.67E-01	2.70E+00	—	pCi/L	—	—	11-92	CAPA-10-26906	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.31	2.43E-01	2.30E+00	—	pCi/L	U	U	10-2250	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.87	4.67E-01	4.10E+00	—	pCi/L	—	—	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.95	4.33E-01	3.00E+00	—	pCi/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.59	1.73E-01	1.20E+00	—	pCi/L	—	—	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	—	124	1.37E+01	1.00E+02	—	pCi/L	—	—	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	52.5	1.17E+01	6.50E+01	—	pCi/L	U	U	11-92	CAPA-10-26906	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	17.3	1.47E+00	1.50E+01	—	pCi/L	—	—	10-2250	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	66.8	1.43E+01	5.30E+01	—	pCi/L	—	U	10-895	CAPA-10-6758	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	172	1.33E+01	7.90E+01	—	pCi/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	79.7	1.00E+01	5.80E+01	—	pCi/L	—	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	19.8	4.00E+00	3.80E+01	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.15	9.67E-01	8.30E+00	—	pCi/L	U	U	11-92	CAPA-10-26906	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.84	2.10E+00	2.10E+01	—	pCi/L	U	U	10-2250	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	11.3	3.33E+00	3.40E+01	—	pCi/L	U	U	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	25.4	5.33E+00	3.60E+01	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	15.5	3.67E+00	3.50E+01	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00616	1.80E-03	3.70E-02	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	7.33E-04	2.50E-02	—	pCi/L	U	U	11-92	CAPA-10-26906	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00879	2.67E-03	4.60E-02	—	pCi/L	U	U	10-2250	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00633	1.57E-03	3.10E-02	—	pCi/L	U	U	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00203	9.67E-04	3.40E-02	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0132	1.80E-03	3.90E-02	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0041	1.93E-03	3.70E-02	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0087	1.47E-03	4.20E-02	—	pCi/L	U	U	11-92	CAPA-10-26906	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0157	2.67E-03	3.20E-02	—	pCi/L	U	U	10-2250	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.73E-03	3.30E-02	—	pCi/L	U	U	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00203	1.50E-03	3.30E-02	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00877	1.47E-03	4.00E-02	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	7.73	6.00E+00	6.50E+01	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	0.787	5.33E+00	5.50E+01	—	pCi/L	U	U	11-92	CAPA-10-26906	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	27.8	3.27E+00	3.60E+01	—	pCi/L	U	U	10-2250	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-15.3	5.33E+00	4.90E+01	—	pCi/L	U	U	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-6.26	6.00E+00	5.10E+01	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	36.9	5.33E+00	6.00E+01	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.14	4.00E-01	3.10E+00	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.89	5.00E-01	4.00E+00	—	pCi/L	U	U	11-92	CAPA-10-26906	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.82	2.63E-01	2.30E+00	—	pCi/L	U	U	10-2250	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.98	3.67E-01	3.10E+00	—	pCi/L	U	U	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.98	4.33E-01	4.70E+00	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.602	4.33E-01	4.50E+00	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0106	4.33E-02	4.50E-01	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0368	3.67E-02	4.40E-01	—	pCi/L	U	U	11-92	CAPA-10-26906	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0947	4.33E-02	4.70E-01	—	pCi/L	U	U	10-2250	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.17	3.67E-02	4.40E-01	—	pCi/L	U	U	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0994	4.33E-02	4.90E-01	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.126	3.67E-02	3.80E-01	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.00805	2.83E-03	1.10E-01	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.0403	3.33E-03	3.40E-02	—	pCi/L	—	—	11-92	CAPA-10-26906	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0344	3.67E-03	5.40E-02	—	pCi/L	U	U	10-2250	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0153	3.07E-03	1.00E-01	—	pCi/L	U	U	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.046	5.00E-03	8.30E-02	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.000028	2.83E-03	1.20E-01	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0	1.67E-03	5.20E-02	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0151	2.07E-03	2.60E-02	—	pCi/L	U	U	11-92	CAPA-10-26906	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	1.27E-03	4.20E-02	—	pCi/L	U	U	10-2250	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00377	2.17E-03	5.20E-02	—	pCi/L	U	U	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00577	1.37E-03	4.20E-02	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0112	2.17E-03	5.50E-02	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0199	3.17E-03	5.20E-02	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	10/07/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0284	2.63E-03	2.10E-02	—	pCi/L	—	—	11-92	CAPA-10-26906	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.00938	2.27E-03	3.80E-02	—	pCi/L	U	U	10-2250	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0305	3.67E-03	6.30E-02	—	pCi/L	U	U	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.063	4.67E-03	5.10E-02	—	pCi/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0361	3.67E-03	5.50E-02	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-8	8541	9.7	10/23/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	78.9	—	—	7.30E-01	mg/L	—	—	11-249	CAPA-10-27431	GELC
PCAO-8	8541	9.7	06/08/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.3	—	—	7.30E-01	mg/L	—	—	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	9.7	09/17/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	84.8	—	—	7.30E-01	mg/L	—	—	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	9.7	06/24/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	83.2	—	—	7.30E-01	mg/L	—	—	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	9.7	10/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	67.2	—	—	5.00E-02	mg/L	—	—	11-249	CAPA-10-27431	GELC
PCAO-8	8541	9.7	06/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	63	—	—	5.00E-02	mg/L	—	—	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	9.7	09/17/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	37.9	—	—	3.00E-02	mg/L	—	—	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	9.7	06/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	43.4	—	—	3.00E-02	mg/L	—	—	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	9.7	10/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	66.5	—	—	5.00E-02	mg/L	—	—	11-249	CAPA-10-27432	GELC
PCAO-8	8541	9.7	06/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	59.8	—	—	5.00E-02	mg/L	—	—	10-3343	CAPA-10-17777	GELC
PCAO-8	8541	9.7	06/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	43.4	—	—	3.00E-02	mg/L	—	—	08-1462	CAPA-08-13131	GELC
PCAO-8	8541	9.7	10/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	183	—	—	6.60E+00	mg/L	—	—	11-249	CAPA-10-27431	GELC
PCAO-8	8541	9.7	06/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	203	—	—	1.30E+00	mg/L	—	—	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	9.7	09/17/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	98.3	—	—	6.60E-01	mg/L	—	—	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	9.7	06/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	129	—	—	6.60E-01	mg/L	—	—	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	9.7	10/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.143	—	—	3.30E-02	mg/L	—	—	11-249	CAPA-10-27431	GELC
PCAO-8	8541	9.7	06/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.197	—	—	3.30E-02	mg/L	—	—	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	9.7	09/17/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.151	—	—	3.30E-02	mg/L	—	—	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	9.7	06/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.159	—	—	3.30E-02	mg/L	—	—	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	9.7	10/23/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	252	—	—	3.50E-01	mg/L	—	—	11-249	CAPA-10-27431	GELC
PCAO-8	8541	9.7	06/08/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	232	—	—	3.50E-01	mg/L	—	—	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	9.7	09/17/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	142	—	—	3.50E-01	mg/L	—	—	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	9.7	06/24/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	160	—	—	3.50E-01	mg/L	—	—	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	9.7	10/23/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	249	—	—	3.50E-01	mg/L	—	—	11-249	CAPA-10-27432	GELC
PCAO-8	8541	9.7	06/08/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	219	—	—	3.50E-01	mg/L	—	—	10-3343	CAPA-10-17777	GELC
PCAO-8	8541	9.7	06/24/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	160	—	—	3.50E-01	mg/L	—	—	08-1462	CAPA-08-13131	GELC
PCAO-8	8541	9.7	10/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	20.4	—	—	8.50E-02	mg/L	—	—	11-249	CAPA-10-27431	GELC
PCAO-8	8541	9.7	06/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	18	—	—	8.50E-02	mg/L	—	—	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	9.7	09/17/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	11.4	—	—	8.50E-02	mg/L	—	—	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	9.7	06/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	12.7	—	—	8.50E-02	mg/L	—	—	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	9.7	10/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	20.1	—	—	8.50E-02	mg/L	—	—	11-249	CAPA-10-27432	GELC
PCAO-8	8541	9.7	06/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	16.9	—	—	8.50E-02	mg/L	—	—	10-3343	CAPA-10-17777	GELC
PCAO-8	8541	9.7	06/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	12.6	—	—	8.50E-02	mg/L	—	—	08-1462	CAPA-08-13131	GELC
PCAO-8	8541	9.7	10/23/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	2.56	—	—	1.00E-01	mg/L	—	—	11-249	CAPA-10-27431	GELC
PCAO-8	8541	9.7	06/08/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.185	—	—	5.00E-02	mg/L	J	J	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	9.7	09/17/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.25	—	—	5.00E-02	mg/L	U	UJ	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	9.7	06/24/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.153	—	—	5.00E-02	mg/L	J	J	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	9.7	10/23/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.461	—	—	5.00E-02	ug/L	—	—	11-249	CAPA-10-27431	GELC
PCAO-8	8541	9.7	06/08/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.285	—	—	5.00E-02	ug/L	—	—	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	9.7	09/17/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.135	—	—	5.00E-02	ug/L	J	J	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	9.7	06/24/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.113	—	—	5.00E-02	ug/L	J	J	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	9.7	10/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	8.31	—	—	5.00E-02	mg/L	—	—	11-249	CAPA-10-27431	GELC
PCAO-8	8541	9.7	06/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.2	—	—	5.00E-02	mg/L	—	—	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	9.7	09/17/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.23	—	—	5.00E-02	mg/L	—	—	08-1970	CAPA-08-15003	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCAO-8	8541	9.7	06/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.62	—	—	5.00E-02	mg/L	—	—	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	9.7	10/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	8.21	—	—	5.00E-02	mg/L	—	—	11-249	CAPA-10-27432	GELC
PCAO-8	8541	9.7	06/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.73	—	—	5.00E-02	mg/L	—	—	10-3343	CAPA-10-17777	GELC
PCAO-8	8541	9.7	06/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.77	—	—	5.00E-02	mg/L	—	—	08-1462	CAPA-08-13131	GELC
PCAO-8	8541	9.7	10/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	54.6	—	—	1.00E-01	mg/L	—	—	11-249	CAPA-10-27431	GELC
PCAO-8	8541	9.7	06/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	69.9	—	—	1.00E-01	mg/L	—	—	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	9.7	09/17/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	37	—	—	4.50E-02	mg/L	—	—	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	9.7	06/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	56.3	—	—	4.50E-02	mg/L	E	J	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	9.7	10/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	53.3	—	—	1.00E-01	mg/L	—	—	11-249	CAPA-10-27432	GELC
PCAO-8	8541	9.7	06/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	66.2	—	—	1.00E-01	mg/L	—	—	10-3343	CAPA-10-17777	GELC
PCAO-8	8541	9.7	06/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	58.2	—	—	4.50E-02	mg/L	E	—	08-1462	CAPA-08-13131	GELC
PCAO-8	8541	9.7	10/23/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	843	—	—	1.00E+00	uS/cm	—	—	11-249	CAPA-10-27431	GELC
PCAO-8	8541	9.7	06/08/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	876	—	—	1.00E+00	uS/cm	—	—	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	9.7	09/17/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	534	—	—	1.00E+00	uS/cm	—	—	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	9.7	10/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	25.3	—	—	1.00E-01	mg/L	—	—	11-249	CAPA-10-27431	GELC
PCAO-8	8541	9.7	06/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	24.9	—	—	1.00E-01	mg/L	—	—	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	9.7	09/17/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.8	—	—	1.00E-01	mg/L	—	J-	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	9.7	06/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12.4	—	—	1.00E-01	mg/L	—	—	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	9.7	10/23/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	592	—	—	2.40E+00	mg/L	—	—	11-249	CAPA-10-27431	GELC
PCAO-8	8541	9.7	06/08/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	604	—	—	2.40E+00	mg/L	—	—	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	9.7	09/17/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	334	—	—	2.40E+00	mg/L	—	—	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	9.7	06/24/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	396	—	—	2.40E+00	mg/L	—	—	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	9.7	10/23/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.88	—	—	1.00E-02	SU	H	J-	11-249	CAPA-10-27431	GELC
PCAO-8	8541	9.7	06/08/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.44	—	—	1.00E-02	SU	H	J-	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	9.7	09/17/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.13	—	—	1.00E-02	SU	H	J-	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	9.7	10/23/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	749	—	—	6.80E+01	ug/L	—	—	11-249	CAPA-10-27431	GELC
PCAO-8	8541	9.7	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	UE	—	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	9.7	09/17/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	9.7	06/24/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	122	—	—	6.80E+01	ug/L	J	J	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	9.7	10/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	754	—	—	6.80E+01	ug/L	—	—	11-249	CAPA-10-27432	GELC
PCAO-8	8541	9.7	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	UE	—	10-3343	CAPA-10-17777	GELC
PCAO-8	8541	9.7	06/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1610	—	—	6.80E+01	ug/L	—	—	08-1462	CAPA-08-13131	GELC
PCAO-8	8541	9.7	10/23/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	431	—	—	1.00E+00	ug/L	—	—	11-249	CAPA-10-27431	GELC
PCAO-8	8541	9.7	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	328	—	—	1.00E+00	ug/L	—	—	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	9.7	09/17/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	219	—	—	1.00E+00	ug/L	—	—	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	9.7	06/24/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	253	—	—	1.00E+00	ug/L	—	—	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	9.7	10/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	428	—	—	1.00E+00	ug/L	—	—	11-249	CAPA-10-27432	GELC
PCAO-8	8541	9.7	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	315	—	—	1.00E+00	ug/L	—	—	10-3343	CAPA-10-17777	GELC
PCAO-8	8541	9.7	06/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	259	—	—	1.00E+00	ug/L	—	—	08-1462	CAPA-08-13131	GELC
PCAO-8	8541	9.7	10/23/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	31.2	—	—	1.50E+01	ug/L	J	J	11-249	CAPA-10-27431	GELC
PCAO-8	8541	9.7	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	24.9	—	—	1.50E+01	ug/L	J	J	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	9.7	09/17/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	20.7	—	—	1.00E+01	ug/L	J	J	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	9.7	06/24/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	37.6	—	—	1.00E+01	ug/L	J	U	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	9.7	10/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	30.6	—	—	1.50E+01	ug/L	J	J	11-249	CAPA-10-27432	GELC
PCAO-8	8541	9.7	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	24.2	—	—	1.50E+01	ug/L	J	J	10-3343	CAPA-10-17777	GELC
PCAO-8	8541	9.7	06/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	38.2	—	—	1.00E+01	ug/L	J	U	08-1462	CAPA-08-13131	GELC
PCAO-8	8541	9.7	10/23/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	403	—	—	3.00E+01	ug/L	—	—	11-249	CAPA-10-27431	GELC
PCAO-8	8541	9.7	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	9.7	09/17/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	36	—	—	2.50E+01	ug/L	J	J	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	9.7	06/24/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	46.4	—	—	2.50E+01	ug/L	J	J	08-1462	CAPA-08-13130	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCAO-8	8541	9.7	10/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	384	—	—	3.00E+01	ug/L	—	—	11-249	CAPA-10-27432	GELC
PCAO-8	8541	9.7	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-3343	CAPA-10-17777	GELC
PCAO-8	8541	9.7	06/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	719	—	—	2.50E+01	ug/L	—	—	08-1462	CAPA-08-13131	GELC
PCAO-8	8541	9.7	06/08/10	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	9.7	09/17/08	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	9.7	06/24/08	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	9.7	10/23/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.727	—	—	5.00E-01	ug/L	J	J	11-249	CAPA-10-27432	GELC
PCAO-8	8541	9.7	06/08/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	10-3343	CAPA-10-17777	GELC
PCAO-8	8541	9.7	06/24/08	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.78	—	—	5.00E-01	ug/L	J	J	08-1462	CAPA-08-13131	GELC
PCAO-8	8541	9.7	10/23/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	8.03	—	—	2.00E+00	ug/L	J	J	11-249	CAPA-10-27431	GELC
PCAO-8	8541	9.7	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	9.7	09/17/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	48.7	—	—	2.00E+00	ug/L	—	—	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	9.7	06/24/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	402	—	—	2.00E+00	ug/L	—	—	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	9.7	10/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	12.6	—	—	2.00E+00	ug/L	—	—	11-249	CAPA-10-27432	GELC
PCAO-8	8541	9.7	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-3343	CAPA-10-17777	GELC
PCAO-8	8541	9.7	06/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	407	—	—	2.00E+00	ug/L	—	—	08-1462	CAPA-08-13131	GELC
PCAO-8	8541	9.7	10/23/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.87	—	—	5.00E-01	ug/L	J	J	11-249	CAPA-10-27431	GELC
PCAO-8	8541	9.7	06/08/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.51	—	—	5.00E-01	ug/L	J	J	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	9.7	09/17/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.9	—	—	5.00E-01	ug/L	—	—	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	9.7	06/24/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.6	—	—	5.00E-01	ug/L	—	—	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	9.7	10/23/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.8	—	—	5.00E-01	ug/L	J	J	11-249	CAPA-10-27432	GELC
PCAO-8	8541	9.7	06/08/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.5	—	—	5.00E-01	ug/L	J	J	10-3343	CAPA-10-17777	GELC
PCAO-8	8541	9.7	06/24/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.6	—	—	5.00E-01	ug/L	—	—	08-1462	CAPA-08-13131	GELC
PCAO-8	8541	9.7	10/23/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	44.1	—	—	5.30E-02	mg/L	—	—	11-249	CAPA-10-27431	GELC
PCAO-8	8541	9.7	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	34.8	—	—	5.30E-02	mg/L	—	—	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	9.7	09/17/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	37.2	—	—	3.20E-02	mg/L	—	—	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	9.7	06/24/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	36	—	—	3.20E-02	mg/L	—	—	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	9.7	10/23/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	501	—	—	1.00E+00	ug/L	—	—	11-249	CAPA-10-27431	GELC
PCAO-8	8541	9.7	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	457	—	—	1.00E+00	ug/L	—	—	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	9.7	09/17/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	281	—	—	1.00E+00	ug/L	—	—	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	9.7	06/24/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	337	—	—	1.00E+00	ug/L	—	—	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	9.7	10/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	496	—	—	1.00E+00	ug/L	—	—	11-249	CAPA-10-27432	GELC
PCAO-8	8541	9.7	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	433	—	—	1.00E+00	ug/L	—	—	10-3343	CAPA-10-17777	GELC
PCAO-8	8541	9.7	06/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	346	—	—	1.00E+00	ug/L	—	—	08-1462	CAPA-08-13131	GELC
PCAO-8	8541	9.7	10/23/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	—	12.5	—	—	2.50E+00	ug/L	—	—	11-249	CAPA-10-27431	GELC
PCAO-8	8541	9.7	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	9.7	09/17/08	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	9.7	06/24/08	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	9.7	10/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	—	11.5	—	—	2.50E+00	ug/L	—	—	11-249	CAPA-10-27432	GELC
PCAO-8	8541	9.7	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	10-3343	CAPA-10-17777	GELC
PCAO-8	8541	9.7	06/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	08-1462	CAPA-08-13131	GELC
PCAO-8	8541	9.7	10/23/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.218	—	—	5.00E-02	ug/L	—	—	11-249	CAPA-10-27431	GELC
PCAO-8	8541	9.7	06/08/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.066	—	—	5.00E-02	ug/L	J	J	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	9.7	09/17/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.28	—	—	5.00E-02	ug/L	—	—	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	9.7	06/24/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.46	—	—	5.00E-02	ug/L	—	U	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	9.7	10/23/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.241	—	—	5.00E-02	ug/L	—	—	11-249	CAPA-10-27432	GELC
PCAO-8	8541	9.7	06/08/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.069	—	—	5.00E-02	ug/L	J	J	10-3343	CAPA-10-17777	GELC
PCAO-8	8541	9.7	06/24/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.53	—	—	5.00E-02	ug/L	—	—	08-1462	CAPA-08-13131	GELC
PCAO-8	8541	9.7	10/23/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.24	—	—	1.00E+00	ug/L	J	J	11-249	CAPA-10-27431	GELC
PCAO-8	8541	9.7	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1.00E+00	ug/L	U	U	10-3343	CAPA-10-17778	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCAO-8	8541	9.7	09/17/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.3	—	—	1.00E+00	ug/L	J	J	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	9.7	06/24/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	2.6	—	—	1.00E+00	ug/L	J	U	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	9.7	10/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.15	—	—	1.00E+00	ug/L	J	J	11-249	CAPA-10-27432	GELC
PCAO-8	8541	9.7	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1.00E+00	ug/L	U	U	10-3343	CAPA-10-17777	GELC
PCAO-8	8541	9.7	06/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	3.8	—	—	1.00E+00	ug/L	J	U	08-1462	CAPA-08-13131	GELC
PCAO-8	8541	9.7	10/23/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	15.1	—	—	3.30E+00	ug/L	—	—	11-249	CAPA-10-27431	GELC
PCAO-8	8541	9.7	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	9.7	09/17/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	18.2	—	—	2.00E+00	ug/L	*	J	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	9.7	06/24/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.4	—	—	2.00E+00	ug/L	J	J	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	9.7	10/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	15	—	—	3.30E+00	ug/L	—	—	11-249	CAPA-10-27432	GELC
PCAO-8	8541	9.7	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-3343	CAPA-10-17777	GELC
PCAO-8	8541	9.7	06/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	10.4	—	—	2.00E+00	ug/L	—	—	08-1462	CAPA-08-13131	GELC
PCI-2	8851	512	10/11/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	49	—	—	7.30E-01	mg/L	—	—	11-108	CAPA-10-26959	GELC
PCI-2	8851	512	08/02/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	48	—	—	7.30E-01	mg/L	—	—	10-3957	CAPA-10-24133	GELC
PCI-2	8851	512	06/07/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	50.7	—	—	7.30E-01	mg/L	—	—	10-3331	CAPA-10-17848	GELC
PCI-2	8851	512	03/01/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	49.1	—	—	7.30E-01	mg/L	—	—	10-2226	CAPA-10-12890	GELC
PCI-2	8851	512	10/11/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.046	—	—	1.60E-02	mg/L	J	J-	11-108	CAPA-10-26959	GELC
PCI-2	8851	512	08/02/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.0182	—	—	1.60E-02	mg/L	J	J-	10-3957	CAPA-10-24133	GELC
PCI-2	8851	512	06/07/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.019	—	—	1.60E-02	mg/L	J	U	10-3331	CAPA-10-17848	GELC
PCI-2	8851	512	10/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.11	—	—	5.00E-02	mg/L	—	—	11-108	CAPA-10-26959	GELC
PCI-2	8851	512	08/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.4	—	—	5.00E-02	mg/L	—	—	10-3957	CAPA-10-24133	GELC
PCI-2	8851	512	06/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.36	—	—	5.00E-02	mg/L	—	—	10-3331	CAPA-10-17848	GELC
PCI-2	8851	512	10/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.11	—	—	5.00E-02	mg/L	—	—	11-108	CAPA-10-26957	GELC
PCI-2	8851	512	06/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.68	—	—	5.00E-02	mg/L	—	—	10-3331	CAPA-10-17850	GELC
PCI-2	8851	512	10/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.45	—	—	6.60E-02	mg/L	—	—	11-108	CAPA-10-26959	GELC
PCI-2	8851	512	08/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.69	—	—	6.60E-02	mg/L	—	J+	10-3957	CAPA-10-24133	GELC
PCI-2	8851	512	06/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.31	—	—	6.60E-02	mg/L	—	J	10-3331	CAPA-10-17848	GELC
PCI-2	8851	512	03/01/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.49	—	—	6.60E-02	mg/L	—	—	10-2226	CAPA-10-12890	GELC
PCI-2	8851	512	10/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.171	—	—	3.30E-02	mg/L	—	—	11-108	CAPA-10-26959	GELC
PCI-2	8851	512	08/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.226	—	—	3.30E-02	mg/L	—	—	10-3957	CAPA-10-24133	GELC
PCI-2	8851	512	06/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.16	—	—	3.30E-02	mg/L	—	—	10-3331	CAPA-10-17848	GELC
PCI-2	8851	512	03/01/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.19	—	—	3.30E-02	mg/L	—	—	10-2226	CAPA-10-12890	GELC
PCI-2	8851	512	10/11/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	32.2	—	—	3.50E-01	mg/L	—	—	11-108	CAPA-10-26959	GELC
PCI-2	8851	512	08/02/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	29.6	—	—	3.50E-01	mg/L	—	—	10-3957	CAPA-10-24133	GELC
PCI-2	8851	512	06/07/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	29.6	—	—	3.50E-01	mg/L	—	—	10-3331	CAPA-10-17848	GELC
PCI-2	8851	512	10/11/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	32.1	—	—	3.50E-01	mg/L	—	—	11-108	CAPA-10-26957	GELC
PCI-2	8851	512	06/07/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	30.9	—	—	3.50E-01	mg/L	—	—	10-3331	CAPA-10-17850	GELC
PCI-2	8851	512	10/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.3	—	—	8.50E-02	mg/L	—	—	11-108	CAPA-10-26959	GELC
PCI-2	8851	512	08/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.09	—	—	8.50E-02	mg/L	—	—	10-3957	CAPA-10-24133	GELC
PCI-2	8851	512	06/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.12	—	—	8.50E-02	mg/L	—	—	10-3331	CAPA-10-17848	GELC
PCI-2	8851	512	10/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.26	—	—	8.50E-02	mg/L	—	—	11-108	CAPA-10-26957	GELC
PCI-2	8851	512	06/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.24	—	—	8.50E-02	mg/L	—	—	10-3331	CAPA-10-17850	GELC
PCI-2	8851	512	10/11/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.117	—	—	5.00E-02	mg/L	J	J	11-108	CAPA-10-26959	GELC
PCI-2	8851	512	08/02/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	810	—	—	2.50E+01	mg/L	—	J	10-3957	CAPA-10-24133	GELC
PCI-2	8851	512	06/07/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.102	—	—	5.00E-02	mg/L	J	J	10-3331	CAPA-10-17848	GELC
PCI-2	8851	512	10/11/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.177	—	—	5.00E-02	ug/L	J	J	11-108	CAPA-10-26959	GELC
PCI-2	8851	512	08/02/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.184	—	—	5.00E-02	ug/L	J	J	10-3957	CAPA-10-24133	GELC
PCI-2	8851	512	06/07/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.169	—	—	5.00E-02	ug/L	J	J	10-3331	CAPA-10-17848	GELC
PCI-2	8851	512	03/01/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.16	—	—	5.00E-02	ug/L	J	J	10-2226	CAPA-10-12890	GELC
PCI-2	8851	512	10/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.323	—	—	5.00E-02	mg/L	—	—	11-108	CAPA-10-26959	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCI-2	8851	512	08/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.372	—	—	5.00E-02	mg/L	—	—	10-3957	CAPA-10-24133	GELC
PCI-2	8851	512	06/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.328	—	—	5.00E-02	mg/L	—	—	10-3331	CAPA-10-17848	GELC
PCI-2	8851	512	10/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.335	—	—	5.00E-02	mg/L	—	—	11-108	CAPA-10-26957	GELC
PCI-2	8851	512	06/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.275	—	—	5.00E-02	mg/L	—	—	10-3331	CAPA-10-17850	GELC
PCI-2	8851	512	10/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.3	—	—	1.00E-01	mg/L	—	—	11-108	CAPA-10-26959	GELC
PCI-2	8851	512	08/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	1.00E-01	mg/L	—	—	10-3957	CAPA-10-24133	GELC
PCI-2	8851	512	06/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.3	—	—	1.00E-01	mg/L	—	—	10-3331	CAPA-10-17848	GELC
PCI-2	8851	512	10/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.1	—	—	1.00E-01	mg/L	—	—	11-108	CAPA-10-26957	GELC
PCI-2	8851	512	06/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	1.00E-01	mg/L	—	—	10-3331	CAPA-10-17850	GELC
PCI-2	8851	512	10/11/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	106	—	—	1.00E+00	uS/cm	—	—	11-108	CAPA-10-26959	GELC
PCI-2	8851	512	08/02/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	101	—	—	1.00E+00	uS/cm	—	—	10-3957	CAPA-10-24133	GELC
PCI-2	8851	512	06/07/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	107	—	—	1.00E+00	uS/cm	—	—	10-3331	CAPA-10-17848	GELC
PCI-2	8851	512	03/01/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	106	—	—	1.00E+00	uS/cm	—	—	10-2226	CAPA-10-12890	GELC
PCI-2	8851	512	10/11/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	117	—	—	2.40E+00	mg/L	—	—	11-108	CAPA-10-26959	GELC
PCI-2	8851	512	08/02/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	127	—	—	2.40E+00	mg/L	—	—	10-3957	CAPA-10-24133	GELC
PCI-2	8851	512	06/07/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	119	—	—	2.40E+00	mg/L	—	—	10-3331	CAPA-10-17848	GELC
PCI-2	8851	512	10/11/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.46	—	—	1.00E-02	SU	H	J-	11-108	CAPA-10-26959	GELC
PCI-2	8851	512	08/02/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.71	—	—	1.00E-02	SU	H	J-	10-3957	CAPA-10-24133	GELC
PCI-2	8851	512	06/07/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.7	—	—	1.00E-02	SU	H	J-	10-3331	CAPA-10-17848	GELC
PCI-2	8851	512	03/01/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.35	—	—	1.00E-02	SU	H	J-	10-2226	CAPA-10-12890	GELC
PCI-2	8851	512	08/02/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-3957	CAPA-10-24133	GELC
PCI-2	8851	512	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-3331	CAPA-10-17848	GELC
PCI-2	8851	512	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	205	—	—	6.80E+01	ug/L	—	—	11-108	CAPA-10-26957	GELC
PCI-2	8851	512	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-3331	CAPA-10-17850	GELC
PCI-2	8851	512	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	5.52	—	—	1.00E+00	ug/L	—	—	11-108	CAPA-10-26959	GELC
PCI-2	8851	512	08/02/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	4.79	—	—	1.00E+00	ug/L	J	J	10-3957	CAPA-10-24133	GELC
PCI-2	8851	512	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	5.42	—	—	1.00E+00	ug/L	—	—	10-3331	CAPA-10-17848	GELC
PCI-2	8851	512	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	5.74	—	—	1.00E+00	ug/L	—	—	11-108	CAPA-10-26957	GELC
PCI-2	8851	512	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	5.39	—	—	1.00E+00	ug/L	—	—	10-3331	CAPA-10-17850	GELC
PCI-2	8851	512	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.09	—	—	2.00E+00	ug/L	J	J	11-108	CAPA-10-26959	GELC
PCI-2	8851	512	08/02/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-3957	CAPA-10-24133	GELC
PCI-2	8851	512	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	4.41	—	—	2.00E+00	ug/L	J	J	10-3331	CAPA-10-17848	GELC
PCI-2	8851	512	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-3331	CAPA-10-17850	GELC
PCI-2	8851	512	10/11/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.06	—	—	1.00E-01	ug/L	—	J	11-108	CAPA-10-26959	GELC
PCI-2	8851	512	08/02/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.829	—	—	1.00E-01	ug/L	—	—	10-3957	CAPA-10-24133	GELC
PCI-2	8851	512	06/07/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.859	—	—	1.00E-01	ug/L	—	—	10-3331	CAPA-10-17848	GELC
PCI-2	8851	512	10/11/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.01	—	—	1.00E-01	ug/L	—	J	11-108	CAPA-10-26957	GELC
PCI-2	8851	512	06/07/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.822	—	—	1.00E-01	ug/L	—	—	10-3331	CAPA-10-17850	GELC
PCI-2	8851	512	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	76.5	—	—	5.30E-02	mg/L	—	—	11-108	CAPA-10-26959	GELC
PCI-2	8851	512	08/02/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.9	—	—	5.30E-02	mg/L	—	—	10-3957	CAPA-10-24133	GELC
PCI-2	8851	512	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	68.4	—	—	5.30E-02	mg/L	—	—	10-3331	CAPA-10-17848	GELC
PCI-2	8851	512	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	50	—	—	1.00E+00	ug/L	—	—	11-108	CAPA-10-26959	GELC
PCI-2	8851	512	08/02/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	45.1	—	—	1.00E+00	ug/L	—	—	10-3957	CAPA-10-24133	GELC
PCI-2	8851	512	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	44.9	—	—	1.00E+00	ug/L	—	—	10-3331	CAPA-10-17848	GELC
PCI-2	8851	512	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	49.6	—	—	1.00E+00	ug/L	—	—	11-108	CAPA-10-26957	GELC
PCI-2	8851	512	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	45.8	—	—	1.00E+00	ug/L	—	—	10-3331	CAPA-10-17850	GELC
PCI-2	8851	512	08/02/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-3957	CAPA-10-24133	GELC
PCI-2	8851	512	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-3331	CAPA-10-17848	GELC
PCI-2	8851	512	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	—	2.79	—	—	2.50E+00	ug/L	J	J	11-108	CAPA-10-26957	GELC
PCI-2	8851	512	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-3331	CAPA-10-17850	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCI-2	8851	512	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.61	—	—	1.00E+00	ug/L	J	J	11-108	CAPA-10-26959	GELC
PCI-2	8851	512	08/02/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.21	—	—	1.00E+00	ug/L	J	J	10-3957	CAPA-10-24133	GELC
PCI-2	8851	512	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.78	—	—	1.00E+00	ug/L	J	J	10-3331	CAPA-10-17848	GELC
PCI-2	8851	512	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.88	—	—	1.00E+00	ug/L	J	J	11-108	CAPA-10-26957	GELC
PCI-2	8851	512	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.69	—	—	1.00E+00	ug/L	J	J	10-3331	CAPA-10-17850	GELC
PCI-2	8851	512	08/02/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-3957	CAPA-10-24133	GELC
PCI-2	8851	512	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-3331	CAPA-10-17848	GELC
PCI-2	8851	512	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.43	—	—	3.30E+00	ug/L	J	J	11-108	CAPA-10-26957	GELC
PCI-2	8851	512	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-3331	CAPA-10-17850	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	67.2	—	—	7.30E-01	mg/L	—	—	11-95	CAPA-10-26873	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	75.4	—	—	7.30E-01	mg/L	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	45.2	—	—	7.30E-01	mg/L	—	—	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	50.4	—	—	7.30E-01	mg/L	—	—	09-484	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.9	—	—	7.30E-01	mg/L	—	—	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.9	—	—	5.00E-02	mg/L	—	—	11-95	CAPA-10-26873	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.1	—	—	5.00E-02	mg/L	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.6	—	—	3.00E-02	mg/L	—	—	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.4	—	—	3.00E-02	mg/L	—	—	09-485	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15	—	—	3.00E-02	mg/L	—	—	08-1932	CAPA-08-14890	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.9	—	—	5.00E-02	mg/L	—	—	11-95	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.8	—	—	5.00E-02	mg/L	—	—	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.5	—	—	3.00E-02	mg/L	—	—	09-1141	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.2	—	—	3.00E-02	mg/L	—	—	09-485	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.4	—	—	3.00E-02	mg/L	—	—	08-1932	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	20.5	—	—	1.30E-01	mg/L	—	J+	11-95	CAPA-10-26873	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	17.6	—	—	3.30E-01	mg/L	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	26.5	—	—	1.30E-01	mg/L	—	J+	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	14.7	—	—	6.60E-02	mg/L	—	J-	09-484	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.8	—	—	1.30E-01	mg/L	—	—	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.201	—	—	3.30E-02	mg/L	—	—	11-95	CAPA-10-26873	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.325	—	—	3.30E-02	mg/L	—	—	09-3236	CAPA-09-12074	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.134	—	—	3.30E-02	mg/L	—	—	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.165	—	—	3.30E-02	mg/L	—	—	09-484	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.157	—	—	3.30E-02	mg/L	—	—	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	64.8	—	—	3.50E-01	mg/L	—	—	11-95	CAPA-10-26873	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	77.2	—	—	3.50E-01	mg/L	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	58.6	—	—	3.50E-01	mg/L	—	—	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	50.5	—	—	3.50E-01	mg/L	—	—	09-485	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	55.6	—	—	3.50E-01	mg/L	—	—	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	65.5	—	—	3.50E-01	mg/L	—	—	11-95	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	76.6	—	—	3.50E-01	mg/L	—	—	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	58.8	—	—	3.50E-01	mg/L	—	—	09-1141	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	49.6	—	—	3.50E-01	mg/L	—	—	09-485	CAPA-09-1073	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	58.4	—	—	3.50E-01	mg/L	—	—	08-1932	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.86	—	—	8.50E-02	mg/L	—	—	11-95	CAPA-10-26873	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.97	—	—	8.50E-02	mg/L	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.79	—	—	8.50E-02	mg/L	—	—	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.17	—	—	8.50E-02	mg/L	—	—	09-485	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.41	—	—	8.50E-02	mg/L	—	—	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.07	—	—	8.50E-02	mg/L	—	—	11-95	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.95	—	—	8.50E-02	mg/L	—	—	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.89	—	—	8.50E-02	mg/L	—	—	09-1141	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.05	—	—	8.50E-02	mg/L	—	—	09-485	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.86	—	—	8.50E-02	mg/L	—	—	08-1932	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.416	—	—	5.00E-02	mg/L	—	—	11-95	CAPA-10-26873	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.414	—	—	5.00E-02	mg/L	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.0919	—	—	1.00E-02	mg/L	—	—	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.176	—	—	5.00E-02	mg/L	J	J	09-484	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.131	—	—	5.00E-02	mg/L	J	J	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.511	—	—	5.00E-02	ug/L	—	—	11-95	CAPA-10-26873	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.47	—	—	5.00E-02	ug/L	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.304	—	—	5.00E-02	ug/L	—	J	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.289	—	—	5.00E-02	ug/L	—	—	09-484	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.224	—	—	5.00E-02	ug/L	—	J+	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.08	—	—	5.00E-02	mg/L	—	J	11-95	CAPA-10-26873	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.55	—	—	5.00E-02	mg/L	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.87	—	—	5.00E-02	mg/L	E	J	09-1141	CAPA-09-4058	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.46	—	—	5.00E-02	mg/L	—	—	09-485	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.2	—	—	5.00E-02	mg/L	—	—	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.08	—	—	5.00E-02	mg/L	—	J	11-95	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.75	—	—	5.00E-02	mg/L	—	—	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.05	—	—	5.00E-02	mg/L	E	—	09-1141	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.47	—	—	5.00E-02	mg/L	—	—	09-485	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.41	—	—	5.00E-02	mg/L	—	—	08-1932	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.1	—	—	1.00E-01	mg/L	—	J+	11-95	CAPA-10-26873	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	23.6	—	—	1.00E-01	mg/L	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.2	—	—	4.50E-02	mg/L	—	—	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.6	—	—	4.50E-02	mg/L	—	—	09-485	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.5	—	—	4.50E-02	mg/L	—	—	08-1932	CAPA-08-14890	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	19	—	—	1.00E-01	mg/L	—	J+	11-95	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	23.7	—	—	1.00E-01	mg/L	—	—	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	18	—	—	4.50E-02	mg/L	—	—	09-1141	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.3	—	—	4.50E-02	mg/L	—	—	09-485	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.9	—	—	4.50E-02	mg/L	—	—	08-1932	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	239	—	—	1.00E+00	uS/cm	—	—	11-95	CAPA-10-26873	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	259	—	—	1.00E+00	uS/cm	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	209	—	—	1.00E+00	uS/cm	—	—	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	172	—	—	1.00E+00	uS/cm	—	—	09-484	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.5	—	—	1.00E-01	mg/L	—	—	11-95	CAPA-10-26873	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.6	—	—	1.00E-01	mg/L	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.94	—	—	1.00E-01	mg/L	—	—	09-1141	CAPA-09-4058	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.64	—	—	1.00E-01	mg/L	—	J-	09-484	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.89	—	—	1.00E-01	mg/L	—	—	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	1.8	—	—	1.10E+00	mg/L	J	J	11-95	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	22.2	—	—	1.10E+00	mg/L	—	—	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	3.8	—	—	1.10E+00	mg/L	J	J	09-1141	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	3.2	—	—	2.30E+00	mg/L	J	J	09-484	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	10	—	—	2.30E+00	mg/L	U	U	08-1932	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	188	—	—	2.40E+00	mg/L	—	—	11-95	CAPA-10-26873	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	173	—	—	2.40E+00	mg/L	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	2.40E+00	mg/L	—	—	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	125	—	—	2.40E+00	mg/L	—	—	09-484	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	138	—	—	2.40E+00	mg/L	—	—	08-1932	CAPA-08-14890	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.179	—	—	3.30E-02	mg/L	—	J	11-95	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.516	—	—	3.30E-02	mg/L	—	—	09-3235	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.234	—	—	2.90E-02	mg/L	—	U	09-1140	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	2.90E-02	mg/L	U	UJ	09-484	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.054	—	—	2.90E-02	mg/L	J	J	08-1932	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.39	—	—	3.30E-01	mg/L	—	J	11-95	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.8	—	—	3.30E-01	mg/L	—	—	09-3235	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.12	—	—	3.30E-01	mg/L	—	J	09-1140	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.69	—	—	3.30E-01	mg/L	—	—	09-484	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.75	—	—	3.30E-01	mg/L	—	—	08-1932	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.93	—	—	1.00E-02	SU	H	J-	11-95	CAPA-10-26873	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.87	—	—	1.00E-02	SU	H	J-	09-3236	CAPA-09-12074	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.72	—	—	1.00E-02	SU	H	J-	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.45	—	—	1.00E-02	SU	H	J-	09-484	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	UF	CS	—	Hexp	SW-846:8321A	HMX	—	2.11	—	—	1.00E-01	ug/L	—	—	11-94	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/10/10	WS	UF	CS	—	Hexp	SW-846:8321A	HMX	—	3.9	—	—	2.60E-02	ug/L	—	—	10-2411	CAPA-10-12694	STSL
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Hexp	SW-846:8321A	HMX	—	1.87	—	—	1.00E-01	ug/L	—	—	09-3235	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	UF	CS	—	Hexp	SW-846:8321A	HMX	—	0.941	—	—	1.00E-01	ug/L	—	J	09-1140	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	UF	CS	—	Hexp	SW-846:8321A	HMX	—	0.872	—	—	1.00E-01	ug/L	—	—	09-486	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	UF	CS	—	Hexp	SW-846:8321A	RDX	—	1.87	—	—	1.00E-01	ug/L	—	J	11-94	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/10/10	WS	UF	CS	—	Hexp	SW-846:8321A	RDX	—	3	—	—	5.90E-02	ug/L	—	J-	10-2411	CAPA-10-12694	STSL
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Hexp	SW-846:8321A	RDX	—	1.94	—	—	1.00E-01	ug/L	—	—	09-3235	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	UF	CS	—	Hexp	SW-846:8321A	RDX	—	0.763	—	—	1.30E-01	ug/L	—	—	09-1140	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	UF	CS	—	Hexp	SW-846:8321A	RDX	—	1.05	—	—	1.30E-01	ug/L	—	—	09-486	CAPA-09-1073	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	252	—	—	6.80E+01	ug/L	—	—	11-95	CAPA-10-26873	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	1020	—	—	6.80E+01	ug/L	—	—	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	185	—	—	6.80E+01	ug/L	J	—	09-485	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	165	—	—	6.80E+01	ug/L	J	J	11-95	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1250	—	—	6.80E+01	ug/L	—	—	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	2420	—	—	6.80E+01	ug/L	—	—	09-1141	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	810	—	—	6.80E+01	ug/L	—	—	09-485	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	842	—	—	6.80E+01	ug/L	—	—	08-1932	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	57.7	—	—	1.00E+00	ug/L	—	—	11-95	CAPA-10-26873	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	64.5	—	—	1.00E+00	ug/L	—	—	09-3236	CAPA-09-12074	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	58.3	—	—	1.00E+00	ug/L	—	—	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	45.8	—	—	1.00E+00	ug/L	—	—	09-485	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	58.5	—	—	1.00E+00	ug/L	—	—	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	59.1	—	—	1.00E+00	ug/L	—	—	11-95	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	81.6	—	—	1.00E+00	ug/L	—	—	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	63	—	—	1.00E+00	ug/L	—	—	09-1141	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	46.6	—	—	1.00E+00	ug/L	—	—	09-485	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	62.7	—	—	1.00E+00	ug/L	—	—	08-1932	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	18.2	—	—	1.50E+01	ug/L	J	J	11-95	CAPA-10-26873	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	F	CS	—	Metals	SW-846:6010B	Boron	<	23.8	—	—	1.50E+01	ug/L	J	U	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	F	CS	—	Metals	SW-846:6010B	Boron	<	19	—	—	1.00E+01	ug/L	J	U	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	09-485	CAPA-09-1074	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	18.6	—	—	1.50E+01	ug/L	J	J	11-95	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Metals	SW-846:6010B	Boron	<	23.8	—	—	1.50E+01	ug/L	J	U	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	UF	CS	—	Metals	SW-846:6010B	Boron	<	21.8	—	—	1.00E+01	ug/L	J	U	09-1141	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	11.5	—	—	1.00E+01	ug/L	J	—	09-485	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	11.5	—	—	1.00E+01	ug/L	J	J	08-1932	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	175	—	—	3.00E+01	ug/L	—	—	11-95	CAPA-10-26873	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	63	—	—	3.00E+01	ug/L	J	J	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	513	—	—	2.50E+01	ug/L	—	—	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	116	—	—	2.50E+01	ug/L	—	—	09-485	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Metals	SW-846:6010B	Iron	<	51.2	—	—	2.50E+01	ug/L	J	U	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	189	—	—	3.00E+01	ug/L	—	—	11-95	CAPA-10-26874	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	985	—	—	3.00E+01	ug/L	—	—	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	1290	—	—	2.50E+01	ug/L	—	—	09-1141	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	440	—	—	2.50E+01	ug/L	—	—	09-485	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	535	—	—	2.50E+01	ug/L	—	—	08-1932	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	4.92	—	—	2.00E+00	ug/L	J	J	11-95	CAPA-10-26873	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	7.48	—	—	2.00E+00	ug/L	J	J	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	15.1	—	—	2.00E+00	ug/L	—	—	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	18.3	—	—	2.00E+00	ug/L	—	—	09-485	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	29.6	—	—	2.00E+00	ug/L	—	—	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	10	—	—	2.00E+00	ug/L	—	—	11-95	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	145	—	—	2.00E+00	ug/L	—	—	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	20.3	—	—	2.00E+00	ug/L	—	—	09-1141	CAPA-09-4059	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	20.9	—	—	2.00E+00	ug/L	—	—	09-485	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	38.8	—	—	2.00E+00	ug/L	—	—	08-1932	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.782	—	—	1.00E-01	ug/L	—	—	11-95	CAPA-10-26873	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.941	—	—	1.00E-01	ug/L	—	U	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.5	—	—	1.00E-01	ug/L	—	U	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.5	—	—	1.00E-01	ug/L	J	U	09-485	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.74	—	—	1.00E-01	ug/L	—	U	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.718	—	—	1.00E-01	ug/L	—	—	11-95	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.941	—	—	1.00E-01	ug/L	—	U	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.46	—	—	1.00E-01	ug/L	J	U	09-1141	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.64	—	—	1.00E-01	ug/L	—	U	09-485	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.77	—	—	1.00E-01	ug/L	—	U	08-1932	CAPA-08-14889	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	1.28	—	—	5.00E-01	ug/L	J	J	11-95	CAPA-10-26873	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	0.658	—	—	5.00E-01	ug/L	J	J	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	1.5	—	—	5.00E-01	ug/L	J	J	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	5.00E-01	ug/L	J	—	09-485	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	1.8	—	—	5.00E-01	ug/L	J	J	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.716	—	—	5.00E-01	ug/L	J	J	11-95	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.16	—	—	5.00E-01	ug/L	J	J	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.9	—	—	5.00E-01	ug/L	J	J	09-1141	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.4	—	—	5.00E-01	ug/L	J	—	09-485	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.1	—	—	5.00E-01	ug/L	—	—	08-1932	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	37.5	—	—	5.30E-02	mg/L	—	—	11-95	CAPA-10-26873	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	42.3	—	—	5.30E-02	mg/L	—	—	09-3236	CAPA-09-12074	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	36.3	—	—	3.20E-02	mg/L	—	—	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	32.6	—	—	3.20E-02	mg/L	—	—	09-484	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	31.7	—	—	3.20E-02	mg/L	—	—	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	112	—	—	1.00E+00	ug/L	—	—	11-95	CAPA-10-26873	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	133	—	—	1.00E+00	ug/L	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	101	—	—	1.00E+00	ug/L	—	—	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	86.6	—	—	1.00E+00	ug/L	—	—	09-485	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	103	—	—	1.00E+00	ug/L	—	—	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	112	—	—	1.00E+00	ug/L	—	—	11-95	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	134	—	—	1.00E+00	ug/L	—	—	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	102	—	—	1.00E+00	ug/L	—	—	09-1141	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	85	—	—	1.00E+00	ug/L	—	—	09-485	CAPA-09-1073	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	106	—	—	1.00E+00	ug/L	—	—	08-1932	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.8	—	—	1.00E+00	ug/L	J	J	11-95	CAPA-10-26873	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.11	—	—	1.00E+00	ug/L	J	J	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.2	—	—	1.00E+00	ug/L	J	J	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.1	—	—	1.00E+00	ug/L	J	—	09-485	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.6	—	—	1.00E+00	ug/L	J	J	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.79	—	—	1.00E+00	ug/L	J	J	11-95	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.91	—	—	1.00E+00	ug/L	J	J	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.3	—	—	1.00E+00	ug/L	J	J	09-1141	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.8	—	—	1.00E+00	ug/L	J	—	09-485	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.4	—	—	1.00E+00	ug/L	J	J	08-1932	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0226	4.00E-03	3.30E-02	—	pCi/L	U	U	08-1933	CAPA-08-14890	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Pajarito below confluences of South and North Anchor East Basin	—	—	06/10/08	WS	F	CS	—	Rad	HASL-300	Americium-241	<	0.0184	2.93E-03	4.30E-02	—	pCi/L	U	U	08-1326	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/11/08	WS	F	CS	—	Rad	HASL-300	Americium-241	<	0.0116	3.67E-03	4.20E-02	—	pCi/L	U	U	08-789	CAPA-08-10994	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000654	1.00E-03	3.90E-02	—	pCi/L	U	U	11-94	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	0.014	1.63E-03	3.00E-02	—	pCi/L	U	U	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00142	3.67E-03	2.80E-02	—	pCi/L	U	U	08-1933	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	06/10/08	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000603	2.33E-03	4.30E-02	—	pCi/L	U	UJ	08-1326	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/11/08	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0152	3.67E-03	4.50E-02	—	pCi/L	U	U	08-789	CAPA-08-10995	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.00302	5.00E-01	4.60E+00	—	pCi/L	U	U	08-1933	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	06/10/08	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.63	6.67E-01	3.00E+00	—	pCi/L	U	U	08-1326	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/11/08	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.978	3.67E-01	3.50E+00	—	pCi/L	U	U	08-789	CAPA-08-10994	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.33	4.00E-01	3.70E+00	—	pCi/L	U	U	11-94	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.353	4.33E-01	4.30E+00	—	pCi/L	U	U	09-3236	CAPA-09-12075	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.12	6.33E-01	6.30E+00	—	pCi/L	U	U	08-1933	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	06/10/08	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.6	5.00E-01	4.30E+00	—	pCi/L	U	U	08-1326	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/11/08	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.297	3.67E-01	3.90E+00	—	pCi/L	U	U	08-789	CAPA-08-10995	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.384	4.33E-01	4.30E+00	—	pCi/L	U	U	08-1933	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	06/10/08	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.247	3.67E-01	3.70E+00	—	pCi/L	U	U	08-1326	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/11/08	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.54	3.67E-01	3.90E+00	—	pCi/L	U	U	08-789	CAPA-08-10994	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.66	4.00E-01	4.50E+00	—	pCi/L	U	U	11-94	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.4	4.67E-01	5.10E+00	—	pCi/L	U	U	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.0608	6.67E-01	6.50E+00	—	pCi/L	U	U	08-1933	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	06/10/08	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.51	5.33E-01	5.30E+00	—	pCi/L	U	U	08-1326	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/11/08	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.721	4.33E-01	4.30E+00	—	pCi/L	U	U	08-789	CAPA-08-10995	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/04/07	WS	F	CS	—	Rad	EPA:900	Gross alpha	<	0.308	1.54E-01	1.78E+00	—	pCi/L	U	U	193146	GF07090PPBF101	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Pajarito below confluences of South and North Anchor East Basin	—	—	06/28/07	WS	F	CS	—	Rad	EPA:900	Gross alpha	<	0.0422	1.35E-01	1.95E+00	—	pCi/L	U	U, J-	188897	GF07060PPBF101	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/20/07	WS	F	CS	—	Rad	EPA:900	Gross alpha	<	1.1	2.77E-01	2.82E+00	—	pCi/L	U	U	182774	GF07030PPBF101	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.25	2.57E-01	2.40E+00	—	pCi/L	U	U	11-94	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.32	3.33E-01	2.80E+00	—	pCi/L	U	U	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/04/07	WS	UF	CS	—	Rad	EPA:900	Gross alpha	—	3.64	3.16E-01	1.86E+00	—	pCi/L	—	J	193146	GU07090PPBF101	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	06/28/07	WS	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.1	3.47E-01	2.98E+00	—	pCi/L	U	U, J-	188897	GU07060PPBF101	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/20/07	WS	UF	CS	—	Rad	EPA:900	Gross alpha	—	3.71	3.43E-01	2.04E+00	—	pCi/L	—	J	182774	GU07030PPBF101	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/04/07	WS	F	CS	—	Rad	EPA:900	Gross beta	—	4.97	3.43E-01	2.67E+00	—	pCi/L	—	J	193146	GF07090PPBF101	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	06/28/07	WS	F	CS	—	Rad	EPA:900	Gross beta	—	3.12	3.31E-01	2.99E+00	—	pCi/L	—	J	188897	GF07060PPBF101	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/20/07	WS	F	CS	—	Rad	EPA:900	Gross beta	<	2.32	2.56E-01	2.39E+00	—	pCi/L	U	U	182774	GF07030PPBF101	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	7.18	4.33E-01	2.60E+00	—	pCi/L	—	—	11-94	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Rad	EPA:900	Gross beta	<	1.86	3.17E-01	3.00E+00	—	pCi/L	U	U	09-3236	CAPA-09-12075	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Pajarito below confluences of South and North Anchor East Basin	—	—	09/04/07	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	6.74	4.00E-01	2.93E+00	—	pCi/L	—	J	193146	GU07090PPBF101	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	06/28/07	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	5.38	3.83E-01	2.94E+00	—	pCi/L	—	J	188897	GU07060PPBF101	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/20/07	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	3.61	3.73E-01	3.39E+00	—	pCi/L	—	J	182774	GU07030PPBF101	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	8.86	2.97E+00	1.20E+01	—	pCi/L	U	U	08-1933	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	06/10/08	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	86.7	1.10E+02	2.40E+02	—	pCi/L	U	U	08-1326	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/11/08	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	72.7	1.80E+01	2.20E+02	—	pCi/L	U	U	08-789	CAPA-08-10994	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	19.3	1.07E+01	2.50E+01	—	pCi/L	U	U	11-94	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	13.8	3.33E+00	2.50E+01	—	pCi/L	U	U	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	49.1	2.10E+01	9.20E+01	—	pCi/L	U	U	08-1933	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	06/10/08	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	63.8	1.87E+01	2.00E+02	—	pCi/L	U	U	08-1326	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/11/08	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	61	1.63E+01	1.70E+02	—	pCi/L	U	U	08-789	CAPA-08-10995	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-16	3.30E+00	3.10E+01	—	pCi/L	U	U	08-1933	CAPA-08-14890	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Pajarito below confluences of South and North Anchor East Basin	—	—	06/10/08	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.47	3.17E+00	3.20E+01	—	pCi/L	U	U	08-1326	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/11/08	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-16.8	3.00E+00	2.80E+01	—	pCi/L	U	U	08-789	CAPA-08-10994	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.72	8.00E-01	8.00E+00	—	pCi/L	U	U	11-94	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-12.6	4.00E+00	3.60E+01	—	pCi/L	U	U	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-12.6	4.33E+00	4.20E+01	—	pCi/L	U	U	08-1933	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	06/10/08	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-10.4	4.00E+00	3.20E+01	—	pCi/L	U	U	08-1326	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/11/08	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-14.8	3.30E+00	2.60E+01	—	pCi/L	U	U	08-789	CAPA-08-10995	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00772	1.30E-03	2.70E-02	—	pCi/L	U	U	08-1933	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	06/10/08	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00388	2.23E-03	2.30E-02	—	pCi/L	U	U	08-1326	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/11/08	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00478	1.07E-03	2.90E-02	—	pCi/L	U	U	08-789	CAPA-08-10994	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0158	2.00E-03	2.60E-02	—	pCi/L	U	U	11-94	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00343	1.13E-03	2.90E-02	—	pCi/L	U	U	09-3236	CAPA-09-12075	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00189	9.00E-04	2.60E-02	—	pCi/L	U	U	08-1933	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	06/10/08	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00887	2.33E-03	2.60E-02	—	pCi/L	U	U	08-1326	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/11/08	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00342	1.60E-03	3.10E-02	—	pCi/L	U	U	08-789	CAPA-08-10995	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00579	1.43E-03	3.30E-02	—	pCi/L	U	U	08-1933	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	06/10/08	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00582	1.13E-03	3.10E-02	—	pCi/L	U	U	08-1326	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/11/08	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00319	1.83E-03	2.90E-02	—	pCi/L	U	U	08-789	CAPA-08-10994	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00451	2.13E-03	4.40E-02	—	pCi/L	U	U	11-94	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00172	8.00E-04	2.80E-02	—	pCi/L	U	U	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00756	1.53E-03	3.20E-02	—	pCi/L	U	U	08-1933	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	06/10/08	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00886	1.80E-03	3.60E-02	—	pCi/L	U	U	08-1326	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/11/08	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0137	1.80E-03	3.10E-02	—	pCi/L	U	U	08-789	CAPA-08-10995	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-8.91	5.67E+00	5.50E+01	—	pCi/L	U	U	08-1933	CAPA-08-14890	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Pajarito below confluences of South and North Anchor East Basin	—	—	06/10/08	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-19.8	6.33E+00	6.20E+01	—	pCi/L	U	U	08-1326	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/11/08	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-2.22	5.33E+00	5.30E+01	—	pCi/L	U	U	08-789	CAPA-08-10994	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	38.5	5.67E+00	6.70E+01	—	pCi/L	U	U	11-94	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	10.8	5.00E+00	5.60E+01	—	pCi/L	U	U	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-1.5	1.17E+01	9.80E+01	—	pCi/L	U	U	08-1933	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	06/10/08	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-7.84	6.67E+00	6.40E+01	—	pCi/L	U	U	08-1326	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/11/08	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	65.8	8.33E+00	3.30E+01	—	pCi/L	UI	R	08-789	CAPA-08-10995	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.64	5.33E-01	4.50E+00	—	pCi/L	U	U	08-1933	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	06/10/08	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.57	4.67E-01	3.80E+00	—	pCi/L	U	U	08-1326	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/11/08	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.401	4.00E-01	3.50E+00	—	pCi/L	U	U	08-789	CAPA-08-10994	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.559	3.33E-01	3.60E+00	—	pCi/L	U	U	11-94	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.414	3.67E-01	3.80E+00	—	pCi/L	U	U	09-3236	CAPA-09-12075	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-3.32	6.67E-01	5.70E+00	—	pCi/L	U	U	08-1933	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	06/10/08	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.92	4.00E-01	4.60E+00	—	pCi/L	U	U	08-1326	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/11/08	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.789	3.27E-01	3.50E+00	—	pCi/L	U	U	08-789	CAPA-08-10995	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.197	3.67E-02	4.80E-01	—	pCi/L	U	U	08-1933	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	06/10/08	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.116	4.33E-02	4.70E-01	—	pCi/L	U	U	08-1326	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/11/08	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.129	4.33E-02	4.70E-01	—	pCi/L	U	U	08-789	CAPA-08-10994	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.118	4.67E-02	4.90E-01	—	pCi/L	U	U	11-94	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.00272	3.67E-02	3.80E-01	—	pCi/L	U	U	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.359	4.67E-02	4.00E-01	—	pCi/L	U	U	08-1933	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	06/10/08	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0253	4.33E-02	4.90E-01	—	pCi/L	U	U	08-1326	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/11/08	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.131	4.00E-02	4.80E-01	—	pCi/L	U	U	08-789	CAPA-08-10995	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0662	4.67E-03	7.80E-02	—	pCi/L	U	U	08-1933	CAPA-08-14890	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Pajarito below confluences of South and North Anchor East Basin	—	—	06/10/08	WS	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0454	1.03E-02	2.00E-01	—	pCi/L	U	U	08-1326	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/11/08	WS	F	CS	—	Rad	HASL-300	Uranium-234	—	0.0856	4.33E-03	6.40E-02	—	pCi/L	—	—	08-789	CAPA-08-10994	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.149	6.67E-03	3.00E-02	—	pCi/L	—	—	11-94	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.152	7.67E-03	8.10E-02	—	pCi/L	—	—	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.0996	5.33E-03	7.40E-02	—	pCi/L	—	—	08-1933	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	06/10/08	WS	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0421	3.67E-03	1.00E-01	—	pCi/L	U	U	08-1326	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/11/08	WS	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.0733	4.33E-03	6.40E-02	—	pCi/L	—	—	08-789	CAPA-08-10995	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00282	1.63E-03	4.20E-02	—	pCi/L	U	U	08-1933	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	06/10/08	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.021	5.33E-03	1.10E-01	—	pCi/L	U	U	08-1326	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/11/08	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00225	1.07E-03	3.30E-02	—	pCi/L	U	U	08-789	CAPA-08-10994	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0155	2.00E-03	2.30E-02	—	pCi/L	U	U	11-94	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0113	2.67E-03	4.10E-02	—	pCi/L	U	U	09-3236	CAPA-09-12075	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0134	2.00E-03	4.00E-02	—	pCi/L	U	U	08-1933	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	06/10/08	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00347	2.60E-03	5.20E-02	—	pCi/L	U	U	08-1326	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/11/08	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00906	1.53E-03	3.30E-02	—	pCi/L	U	U	08-789	CAPA-08-10995	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0571	4.00E-03	4.10E-02	—	pCi/L	—	—	08-1933	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	06/10/08	WS	F	CS	—	Rad	HASL-300	Uranium-238	<	-0.00567	7.00E-03	1.20E-01	—	pCi/L	U	U	08-1326	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/11/08	WS	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0619	3.67E-03	4.20E-02	—	pCi/L	—	—	08-789	CAPA-08-10994	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.111	5.33E-03	1.80E-02	—	pCi/L	—	—	11-94	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0866	5.33E-03	4.90E-02	—	pCi/L	—	—	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0758	5.00E-03	3.90E-02	—	pCi/L	—	—	08-1933	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	06/10/08	WS	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0449	4.33E-03	6.10E-02	—	pCi/L	U	U	08-1326	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/11/08	WS	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.044	3.10E-03	4.20E-02	—	pCi/L	—	—	08-789	CAPA-08-10995	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	—	24.8	—	—	2.00E+00	ug/L	—	J-	11-94	CAPA-10-26874	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Pajarito below confluences of South and North Anchor East Basin	—	—	10/08/10	WS	UF	RE	—	SVOA	SW-846:8270C	Diethylphthalate	—	24.3	—	—	2.00E+00	ug/L	—	J	11-94	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	<	10	—	—	2.00E+00	ug/L	U	U	09-3235	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	<	10.9	—	—	2.20E+00	ug/L	U	U	08-1931	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	06/10/08	WS	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	<	10.8	—	—	2.20E+00	ug/L	U	U	08-1324	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/11/08	WS	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	<	10.9	—	—	2.20E+00	ug/L	U	U	08-789	CAPA-08-10995	GELC
R-17	7031	1057	10/22/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	51.1	—	—	7.30E-01	mg/L	—	—	11-243	CAPA-10-26962	GELC
R-17	7031	1057	08/04/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.7	—	—	7.30E-01	mg/L	—	—	10-4002	CAPA-10-24092	GELC
R-17	7031	1057	06/14/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.5	—	—	7.30E-01	mg/L	—	—	10-3404	CAPA-10-17589	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.2	—	—	7.30E-01	mg/L	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.4	—	—	7.30E-01	mg/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	1057	10/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10	—	—	5.00E-02	mg/L	—	—	11-243	CAPA-10-26962	GELC
R-17	7031	1057	06/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.82	—	—	5.00E-02	mg/L	—	—	10-3404	CAPA-10-17589	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.81	—	—	5.00E-02	mg/L	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10	—	—	5.00E-02	mg/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	1057	09/11/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	5.00E-02	mg/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	10/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.8	—	—	5.00E-02	mg/L	—	—	11-243	CAPA-10-26961	GELC
R-17	7031	1057	06/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.3	—	—	5.00E-02	mg/L	—	—	10-3404	CAPA-10-17586	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10	—	—	5.00E-02	mg/L	—	—	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	12/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.5	—	—	5.00E-02	mg/L	—	—	10-976	CAPA-10-6173	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.91	—	—	5.00E-02	mg/L	—	—	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	10/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.92	—	—	6.60E-02	mg/L	—	—	11-243	CAPA-10-26962	GELC
R-17	7031	1057	08/04/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.91	—	—	6.60E-02	mg/L	—	—	10-4002	CAPA-10-24092	GELC
R-17	7031	1057	06/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.79	—	—	6.60E-02	mg/L	—	—	10-3404	CAPA-10-17589	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.73	—	—	6.60E-02	mg/L	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.8	—	—	6.60E-02	mg/L	—	J+	10-976	CAPA-10-6171	GELC
R-17	7031	1057	10/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.23	—	—	3.30E-02	mg/L	—	—	11-243	CAPA-10-26962	GELC
R-17	7031	1057	08/04/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.208	—	—	3.30E-02	mg/L	—	—	10-4002	CAPA-10-24092	GELC
R-17	7031	1057	06/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.178	—	—	3.30E-02	mg/L	—	J-	10-3404	CAPA-10-17589	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.195	—	—	3.30E-02	mg/L	—	J-	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.429	—	—	3.30E-02	mg/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	1057	10/22/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.7	—	—	3.50E-01	mg/L	—	—	11-243	CAPA-10-26962	GELC
R-17	7031	1057	06/14/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.4	—	—	3.50E-01	mg/L	—	—	10-3404	CAPA-10-17589	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.3	—	—	3.50E-01	mg/L	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.9	—	—	3.50E-01	mg/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	1057	09/11/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.4	—	—	3.50E-01	mg/L	—	—	09-3206	CAPA-09-12162	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-17	7031	1057	10/22/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	35.9	—	—	3.50E-01	mg/L	—	—	11-243	CAPA-10-26961	GELC
R-17	7031	1057	06/14/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.4	—	—	3.50E-01	mg/L	—	—	10-3404	CAPA-10-17586	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.3	—	—	3.50E-01	mg/L	—	—	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	12/16/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.7	—	—	3.50E-01	mg/L	—	—	10-976	CAPA-10-6173	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	36.1	—	—	3.50E-01	mg/L	—	—	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	10/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.83	—	—	8.50E-02	mg/L	—	—	11-243	CAPA-10-26962	GELC
R-17	7031	1057	06/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.89	—	—	8.50E-02	mg/L	—	—	10-3404	CAPA-10-17589	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.87	—	—	8.50E-02	mg/L	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.89	—	—	8.50E-02	mg/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	1057	09/11/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.87	—	—	8.50E-02	mg/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	10/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.78	—	—	8.50E-02	mg/L	—	—	11-243	CAPA-10-26961	GELC
R-17	7031	1057	06/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.07	—	—	8.50E-02	mg/L	—	—	10-3404	CAPA-10-17586	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.96	—	—	8.50E-02	mg/L	—	—	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	12/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.04	—	—	8.50E-02	mg/L	—	—	10-976	CAPA-10-6173	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.77	—	—	8.50E-02	mg/L	—	—	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	10/22/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.338	—	—	5.00E-02	mg/L	—	J	11-243	CAPA-10-26962	GELC
R-17	7031	1057	08/04/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.212	—	—	5.00E-02	mg/L	J	J	10-4002	CAPA-10-24092	GELC
R-17	7031	1057	06/14/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.295	—	—	5.00E-02	mg/L	—	—	10-3404	CAPA-10-17589	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.274	—	—	5.00E-02	mg/L	—	U	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.256	—	—	5.00E-02	mg/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	1057	10/22/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.241	—	—	5.00E-02	ug/L	—	—	11-243	CAPA-10-26962	GELC
R-17	7031	1057	08/04/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.268	—	—	5.00E-02	ug/L	—	—	10-4002	CAPA-10-24092	GELC
R-17	7031	1057	06/14/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.271	—	—	5.00E-02	ug/L	—	—	10-3404	CAPA-10-17589	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.232	—	—	5.00E-02	ug/L	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.254	—	—	5.00E-02	ug/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	1057	10/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.49	—	—	5.00E-02	mg/L	—	—	11-243	CAPA-10-26962	GELC
R-17	7031	1057	06/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.49	—	—	5.00E-02	mg/L	—	—	10-3404	CAPA-10-17589	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.53	—	—	5.00E-02	mg/L	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.55	—	—	5.00E-02	mg/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	1057	09/11/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.56	—	—	5.00E-02	mg/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	10/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.47	—	—	5.00E-02	mg/L	—	—	11-243	CAPA-10-26961	GELC
R-17	7031	1057	06/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.6	—	—	5.00E-02	mg/L	—	—	10-3404	CAPA-10-17586	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.58	—	—	5.00E-02	mg/L	—	—	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	12/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.59	—	—	5.00E-02	mg/L	—	—	10-976	CAPA-10-6173	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.49	—	—	5.00E-02	mg/L	—	—	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	10/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	1.00E-01	mg/L	—	—	11-243	CAPA-10-26962	GELC
R-17	7031	1057	06/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	1.00E-01	mg/L	—	—	10-3404	CAPA-10-17589	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.8	—	—	1.00E-01	mg/L	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	1.00E-01	mg/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	1057	09/11/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.3	—	—	1.00E-01	mg/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	10/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.2	—	—	1.00E-01	mg/L	—	—	11-243	CAPA-10-26961	GELC
R-17	7031	1057	06/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.1	—	—	1.00E-01	mg/L	—	—	10-3404	CAPA-10-17586	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.1	—	—	1.00E-01	mg/L	—	—	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	12/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.3	—	—	1.00E-01	mg/L	—	—	10-976	CAPA-10-6173	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.6	—	—	1.00E-01	mg/L	—	—	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	10/22/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	125	—	—	1.00E+00	uS/cm	—	—	11-243	CAPA-10-26962	GELC
R-17	7031	1057	08/04/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	124	—	—	1.00E+00	uS/cm	—	—	10-4002	CAPA-10-24092	GELC
R-17	7031	1057	06/14/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	123	—	—	1.00E+00	uS/cm	—	—	10-3404	CAPA-10-17589	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	120	—	—	1.00E+00	uS/cm	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	123	—	—	1.00E+00	uS/cm	—	—	10-976	CAPA-10-6171	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-17	7031	1057	10/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.13	—	—	1.00E-01	mg/L	—	—	11-243	CAPA-10-26962	GELC
R-17	7031	1057	08/04/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.09	—	—	1.00E-01	mg/L	—	—	10-4002	CAPA-10-24092	GELC
R-17	7031	1057	06/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.15	—	—	1.00E-01	mg/L	—	—	10-3404	CAPA-10-17589	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.08	—	—	1.00E-01	mg/L	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.06	—	—	1.00E-01	mg/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	1057	10/22/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	130	—	—	2.40E+00	mg/L	—	—	11-243	CAPA-10-26962	GELC
R-17	7031	1057	08/04/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	146	—	—	2.40E+00	mg/L	—	J	10-4002	CAPA-10-24092	GELC
R-17	7031	1057	06/14/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	137	—	—	2.40E+00	mg/L	—	J	10-3404	CAPA-10-17589	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	114	—	—	2.40E+00	mg/L	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	131	—	—	2.40E+00	mg/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	1057	10/22/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.351	—	—	3.30E-01	mg/L	J	J	11-242	CAPA-10-26961	GELC
R-17	7031	1057	08/04/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.55	—	—	3.30E-01	mg/L	J	J	10-4001	CAPA-10-24093	GELC
R-17	7031	1057	06/14/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	10-3403	CAPA-10-17586	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.427	—	—	3.30E-01	mg/L	J	J	10-2374	CAPA-10-12798	GELC
R-17	7031	1057	12/16/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.655	—	—	3.30E-01	mg/L	J	J	10-976	CAPA-10-6173	GELC
R-17	7031	1057	10/22/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.89	—	—	1.00E-02	SU	H	J-	11-243	CAPA-10-26962	GELC
R-17	7031	1057	08/04/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.96	—	—	1.00E-02	SU	H	J-	10-4002	CAPA-10-24092	GELC
R-17	7031	1057	06/14/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.97	—	—	1.00E-02	SU	H	J-	10-3404	CAPA-10-17589	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.95	—	—	1.00E-02	SU	H	J-	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.94	—	—	1.00E-02	SU	H	J-	10-976	CAPA-10-6171	GELC
R-17	7031	1057	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	39.4	—	—	1.00E+00	ug/L	—	—	11-243	CAPA-10-26962	GELC
R-17	7031	1057	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	37.5	—	—	1.00E+00	ug/L	—	—	10-3404	CAPA-10-17589	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	37.1	—	—	1.00E+00	ug/L	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	37.6	—	—	1.00E+00	ug/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	1057	09/11/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	39.1	—	—	1.00E+00	ug/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	39.4	—	—	1.00E+00	ug/L	—	—	11-243	CAPA-10-26961	GELC
R-17	7031	1057	06/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	39.3	—	—	1.00E+00	ug/L	—	—	10-3404	CAPA-10-17586	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	38.5	—	—	1.00E+00	ug/L	—	—	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	39.8	—	—	1.00E+00	ug/L	—	—	10-976	CAPA-10-6173	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	37.8	—	—	1.00E+00	ug/L	—	—	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	10/22/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.02	—	—	2.50E+00	ug/L	J	J	11-243	CAPA-10-26962	GELC
R-17	7031	1057	06/14/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.7	—	—	2.50E+00	ug/L	J	J	10-3404	CAPA-10-17589	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.8	—	—	2.50E+00	ug/L	J	J	10-976	CAPA-10-6171	GELC
R-17	7031	1057	09/11/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	10/22/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.32	—	—	2.50E+00	ug/L	J	J	11-243	CAPA-10-26961	GELC
R-17	7031	1057	06/14/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4	—	—	2.50E+00	ug/L	J	J	10-3404	CAPA-10-17586	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	12/16/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.8	—	—	2.50E+00	ug/L	J	J	10-976	CAPA-10-6173	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	55.5	—	—	3.00E+01	ug/L	J	J	11-243	CAPA-10-26962	GELC
R-17	7031	1057	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-3404	CAPA-10-17589	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-976	CAPA-10-6171	GELC
R-17	7031	1057	09/11/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	72.2	—	—	3.00E+01	ug/L	J	J	11-243	CAPA-10-26961	GELC
R-17	7031	1057	06/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	46.8	—	—	3.00E+01	ug/L	J	J	10-3404	CAPA-10-17586	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	55.9	—	—	3.00E+01	ug/L	J	J	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	49.7	—	—	3.00E+01	ug/L	J	J	10-976	CAPA-10-6173	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	09-3206	CAPA-09-12163	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-17	7031	1057	10/22/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.54	—	—	1.00E-01	ug/L	—	J	11-243	CAPA-10-26962	GELC
R-17	7031	1057	06/14/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.24	—	—	1.00E-01	ug/L	—	—	10-3404	CAPA-10-17589	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.22	—	—	1.00E-01	ug/L	—	U	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.25	—	—	1.00E-01	ug/L	—	J	10-976	CAPA-10-6171	GELC
R-17	7031	1057	09/11/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.25	—	—	1.00E-01	ug/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	10/22/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.72	—	—	1.00E-01	ug/L	—	J	11-243	CAPA-10-26961	GELC
R-17	7031	1057	06/14/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.23	—	—	1.00E-01	ug/L	—	—	10-3404	CAPA-10-17586	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.26	—	—	1.00E-01	ug/L	—	U	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	12/16/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.17	—	—	1.00E-01	ug/L	—	J	10-976	CAPA-10-6173	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.23	—	—	1.00E-01	ug/L	—	—	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	10/22/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.667	—	—	5.00E-01	ug/L	J	J	11-243	CAPA-10-26962	GELC
R-17	7031	1057	06/14/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.895	—	—	5.00E-01	ug/L	J	J	10-3404	CAPA-10-17589	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.01	—	—	5.00E-01	ug/L	J	J	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	4.65	—	—	5.00E-01	ug/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	1057	09/11/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.556	—	—	5.00E-01	ug/L	J	J	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	10/22/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.736	—	—	5.00E-01	ug/L	J	J	11-243	CAPA-10-26961	GELC
R-17	7031	1057	06/14/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	12.7	—	—	5.00E-01	ug/L	—	—	10-3404	CAPA-10-17586	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.05	—	—	5.00E-01	ug/L	J	J	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	12/16/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.734	—	—	5.00E-01	ug/L	J	J	10-976	CAPA-10-6173	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.772	—	—	5.00E-01	ug/L	J	J	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	72	—	—	5.30E-02	mg/L	—	—	11-243	CAPA-10-26962	GELC
R-17	7031	1057	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	72.3	—	—	5.30E-02	mg/L	—	—	10-4002	CAPA-10-24092	GELC
R-17	7031	1057	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	73.1	—	—	5.30E-02	mg/L	—	—	10-3404	CAPA-10-17589	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	73	—	—	5.30E-02	mg/L	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.4	—	—	5.30E-02	mg/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	1057	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	44.5	—	—	1.00E+00	ug/L	—	—	11-243	CAPA-10-26962	GELC
R-17	7031	1057	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	42.9	—	—	1.00E+00	ug/L	—	—	10-3404	CAPA-10-17589	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	42.8	—	—	1.00E+00	ug/L	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	42.3	—	—	1.00E+00	ug/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	1057	09/11/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	43.3	—	—	1.00E+00	ug/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	43.5	—	—	1.00E+00	ug/L	—	—	11-243	CAPA-10-26961	GELC
R-17	7031	1057	06/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	45.2	—	—	1.00E+00	ug/L	—	—	10-3404	CAPA-10-17586	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	43.8	—	—	1.00E+00	ug/L	—	—	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	45.5	—	—	1.00E+00	ug/L	—	—	10-976	CAPA-10-6173	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	43.2	—	—	1.00E+00	ug/L	—	—	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	10/22/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.502	—	—	5.00E-02	ug/L	—	—	11-243	CAPA-10-26962	GELC
R-17	7031	1057	06/14/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.63	—	—	5.00E-02	ug/L	—	—	10-3404	CAPA-10-17589	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.49	—	—	5.00E-02	ug/L	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.547	—	—	5.00E-02	ug/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	1057	09/11/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.51	—	—	5.00E-02	ug/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	10/22/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.552	—	—	5.00E-02	ug/L	—	—	11-243	CAPA-10-26961	GELC
R-17	7031	1057	06/14/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.644	—	—	5.00E-02	ug/L	—	—	10-3404	CAPA-10-17586	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.499	—	—	5.00E-02	ug/L	—	—	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	12/16/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.543	—	—	5.00E-02	ug/L	—	—	10-976	CAPA-10-6173	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.503	—	—	5.00E-02	ug/L	—	—	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.62	—	—	1.00E+00	ug/L	J	J	11-243	CAPA-10-26962	GELC
R-17	7031	1057	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.9	—	—	1.00E+00	ug/L	J	J	10-3404	CAPA-10-17589	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.69	—	—	1.00E+00	ug/L	J	J	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.41	—	—	1.00E+00	ug/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	1057	09/11/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.78	—	—	1.00E+00	ug/L	—	—	09-3206	CAPA-09-12162	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-17	7031	1057	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.66	—	—	1.00E+00	ug/L	J	J	11-243	CAPA-10-26961	GELC
R-17	7031	1057	06/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.25	—	—	1.00E+00	ug/L	—	—	10-3404	CAPA-10-17586	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.89	—	—	1.00E+00	ug/L	J	J	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.71	—	—	1.00E+00	ug/L	—	—	10-976	CAPA-10-6173	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.78	—	—	1.00E+00	ug/L	—	—	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	8.09	—	—	3.30E+00	ug/L	J	J	11-243	CAPA-10-26962	GELC
R-17	7031	1057	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-3404	CAPA-10-17589	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.31	—	—	3.30E+00	ug/L	J	J	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.46	—	—	3.30E+00	ug/L	J	J	10-976	CAPA-10-6171	GELC
R-17	7031	1057	09/11/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.44	—	—	3.30E+00	ug/L	J	J	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	10.8	—	—	3.30E+00	ug/L	—	—	11-243	CAPA-10-26961	GELC
R-17	7031	1057	06/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.79	—	—	3.30E+00	ug/L	J	J	10-3404	CAPA-10-17586	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.17	—	—	3.30E+00	ug/L	J	J	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	6.9	—	—	3.30E+00	ug/L	J	J	10-976	CAPA-10-6173	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5	—	—	3.30E+00	ug/L	J	J	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	10/22/10	WG	UF	CS	FTB	VOA	SW-846:8260B	Bromoform	—	0.44	—	—	2.50E-01	ug/L	J	J	11-242	CAPA-10-26960	GELC
R-17	7031	1057	08/04/10	WG	UF	CS	—	VOA	SW-846:8260B	Bromoform	<	1	—	—	2.50E-01	ug/L	U	U	10-4001	CAPA-10-24093	GELC
R-17	7031	1057	06/14/10	WG	UF	CS	—	VOA	SW-846:8260B	Bromoform	<	1	—	—	2.50E-01	ug/L	U	U	10-3403	CAPA-10-17586	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	VOA	SW-846:8260B	Bromoform	<	1	—	—	2.50E-01	ug/L	U	U	10-2374	CAPA-10-12798	GELC
R-17	7031	1057	12/16/09	WG	UF	CS	—	VOA	SW-846:8260B	Bromoform	<	1	—	—	2.50E-01	ug/L	U	U	10-976	CAPA-10-6173	GELC
R-17	7041	1124	10/22/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	51.1	—	—	7.30E-01	mg/L	—	—	11-243	CAPA-10-26964	GELC
R-17	7041	1124	08/04/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	51.5	—	—	7.30E-01	mg/L	—	—	10-4002	CAPA-10-24096	GELC
R-17	7041	1124	06/14/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	50.7	—	—	7.30E-01	mg/L	—	—	10-3404	CAPA-10-17590	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	76.2	—	—	7.30E-01	mg/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52.9	—	—	7.30E-01	mg/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	1124	10/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.01	—	—	5.00E-02	mg/L	—	—	11-243	CAPA-10-26964	GELC
R-17	7041	1124	06/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.04	—	—	5.00E-02	mg/L	—	—	10-3404	CAPA-10-17590	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.07	—	—	5.00E-02	mg/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.46	—	—	5.00E-02	mg/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	1124	09/11/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.87	—	—	5.00E-02	mg/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	10/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.26	—	—	5.00E-02	mg/L	—	—	11-243	CAPA-10-26963	GELC
R-17	7041	1124	06/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.87	—	—	5.00E-02	mg/L	—	—	10-3404	CAPA-10-17591	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.13	—	—	5.00E-02	mg/L	—	—	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	12/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.17	—	—	5.00E-02	mg/L	—	—	10-976	CAPA-10-6175	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.86	—	—	5.00E-02	mg/L	—	—	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	10/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.67	—	—	6.60E-02	mg/L	—	—	11-243	CAPA-10-26964	GELC
R-17	7041	1124	08/04/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.76	—	—	6.60E-02	mg/L	—	—	10-4002	CAPA-10-24096	GELC
R-17	7041	1124	06/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.5	—	—	6.60E-02	mg/L	—	—	10-3404	CAPA-10-17590	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.5	—	—	6.60E-02	mg/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.56	—	—	6.60E-02	mg/L	—	J+	10-976	CAPA-10-6176	GELC
R-17	7041	1124	10/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.18	—	—	3.30E-02	mg/L	—	—	11-243	CAPA-10-26964	GELC
R-17	7041	1124	08/04/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.183	—	—	3.30E-02	mg/L	—	—	10-4002	CAPA-10-24096	GELC
R-17	7041	1124	06/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.137	—	—	3.30E-02	mg/L	—	J-	10-3404	CAPA-10-17590	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.17	—	—	3.30E-02	mg/L	—	J-	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.389	—	—	3.30E-02	mg/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	1124	10/22/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	34.2	—	—	3.50E-01	mg/L	—	—	11-243	CAPA-10-26964	GELC
R-17	7041	1124	06/14/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	34.8	—	—	3.50E-01	mg/L	—	—	10-3404	CAPA-10-17590	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	34.9	—	—	3.50E-01	mg/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.2	—	—	3.50E-01	mg/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	1124	09/11/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	33.6	—	—	3.50E-01	mg/L	—	—	09-3206	CAPA-09-12164	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-17	7041	1124	10/22/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	35.1	—	—	3.50E-01	mg/L	—	—	11-243	CAPA-10-26963	GELC
R-17	7041	1124	06/14/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.1	—	—	3.50E-01	mg/L	—	—	10-3404	CAPA-10-17591	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	35.1	—	—	3.50E-01	mg/L	—	—	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	12/16/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.8	—	—	3.50E-01	mg/L	—	—	10-976	CAPA-10-6175	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	33.5	—	—	3.50E-01	mg/L	—	—	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	10/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.85	—	—	8.50E-02	mg/L	—	—	11-243	CAPA-10-26964	GELC
R-17	7041	1124	06/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.97	—	—	8.50E-02	mg/L	—	—	10-3404	CAPA-10-17590	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.97	—	—	8.50E-02	mg/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.05	—	—	8.50E-02	mg/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	1124	09/11/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.78	—	—	8.50E-02	mg/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	10/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.9	—	—	8.50E-02	mg/L	—	—	11-243	CAPA-10-26963	GELC
R-17	7041	1124	06/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.9	—	—	8.50E-02	mg/L	—	—	10-3404	CAPA-10-17591	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.99	—	—	8.50E-02	mg/L	—	—	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	12/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.88	—	—	8.50E-02	mg/L	—	—	10-976	CAPA-10-6175	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.75	—	—	8.50E-02	mg/L	—	—	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	10/22/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.395	—	—	5.00E-02	mg/L	—	J	11-243	CAPA-10-26964	GELC
R-17	7041	1124	08/04/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.311	—	—	5.00E-02	mg/L	—	—	10-4002	CAPA-10-24096	GELC
R-17	7041	1124	06/14/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.322	—	—	5.00E-02	mg/L	—	—	10-3404	CAPA-10-17590	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.378	—	—	5.00E-02	mg/L	—	J	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.32	—	—	5.00E-02	mg/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	1124	10/22/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.249	—	—	5.00E-02	ug/L	—	—	11-243	CAPA-10-26964	GELC
R-17	7041	1124	08/04/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.282	—	—	5.00E-02	ug/L	—	—	10-4002	CAPA-10-24096	GELC
R-17	7041	1124	06/14/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.258	—	—	5.00E-02	ug/L	—	—	10-3404	CAPA-10-17590	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.238	—	—	5.00E-02	ug/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.251	—	—	5.00E-02	ug/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	1124	10/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.33	—	—	5.00E-02	mg/L	—	—	11-243	CAPA-10-26964	GELC
R-17	7041	1124	06/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.39	—	—	5.00E-02	mg/L	—	—	10-3404	CAPA-10-17590	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.46	—	—	5.00E-02	mg/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.51	—	—	5.00E-02	mg/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	1124	09/11/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.37	—	—	5.00E-02	mg/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	10/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.37	—	—	5.00E-02	mg/L	—	—	11-243	CAPA-10-26963	GELC
R-17	7041	1124	06/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.32	—	—	5.00E-02	mg/L	—	—	10-3404	CAPA-10-17591	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.44	—	—	5.00E-02	mg/L	—	—	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	12/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.42	—	—	5.00E-02	mg/L	—	—	10-976	CAPA-10-6175	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.36	—	—	5.00E-02	mg/L	—	—	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	10/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.82	—	—	1.00E-01	mg/L	—	—	11-243	CAPA-10-26964	GELC
R-17	7041	1124	06/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	1.00E-01	mg/L	—	—	10-3404	CAPA-10-17590	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.6	—	—	1.00E-01	mg/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	1.00E-01	mg/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	1124	09/11/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	1.00E-01	mg/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	10/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.2	—	—	1.00E-01	mg/L	—	—	11-243	CAPA-10-26963	GELC
R-17	7041	1124	06/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.2	—	—	1.00E-01	mg/L	—	—	10-3404	CAPA-10-17591	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	1.00E-01	mg/L	—	—	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	12/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.83	—	—	1.00E-01	mg/L	—	—	10-976	CAPA-10-6175	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	1.00E-01	mg/L	—	—	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	10/22/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	113	—	—	1.00E+00	uS/cm	—	—	11-243	CAPA-10-26964	GELC
R-17	7041	1124	08/04/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	115	—	—	1.00E+00	uS/cm	—	—	10-4002	CAPA-10-24096	GELC
R-17	7041	1124	06/14/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	114	—	—	1.00E+00	uS/cm	—	—	10-3404	CAPA-10-17590	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	111	—	—	1.00E+00	uS/cm	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	112	—	—	1.00E+00	uS/cm	—	—	10-976	CAPA-10-6176	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-17	7041	1124	10/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.78	—	—	1.00E-01	mg/L	—	—	11-243	CAPA-10-26964	GELC
R-17	7041	1124	08/04/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.79	—	—	1.00E-01	mg/L	—	—	10-4002	CAPA-10-24096	GELC
R-17	7041	1124	06/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.8	—	—	1.00E-01	mg/L	—	—	10-3404	CAPA-10-17590	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.73	—	—	1.00E-01	mg/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.74	—	—	1.00E-01	mg/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	1124	10/22/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	132	—	—	2.40E+00	mg/L	—	—	11-243	CAPA-10-26964	GELC
R-17	7041	1124	08/04/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	141	—	—	2.40E+00	mg/L	—	J	10-4002	CAPA-10-24096	GELC
R-17	7041	1124	06/14/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	139	—	—	2.40E+00	mg/L	—	J	10-3404	CAPA-10-17590	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	118	—	—	2.40E+00	mg/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	133	—	—	2.40E+00	mg/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	1124	10/22/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.92	—	—	1.00E-02	SU	H	J-	11-243	CAPA-10-26964	GELC
R-17	7041	1124	08/04/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.99	—	—	1.00E-02	SU	H	J-	10-4002	CAPA-10-24096	GELC
R-17	7041	1124	06/14/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.97	—	—	1.00E-02	SU	H	J-	10-3404	CAPA-10-17590	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8	—	—	1.00E-02	SU	H	J-	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.91	—	—	1.00E-02	SU	H	J-	10-976	CAPA-10-6176	GELC
R-17	7041	1124	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	32.1	—	—	1.00E+00	ug/L	—	—	11-243	CAPA-10-26964	GELC
R-17	7041	1124	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	31.1	—	—	1.00E+00	ug/L	—	—	10-3404	CAPA-10-17590	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	31.4	—	—	1.00E+00	ug/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	32	—	—	1.00E+00	ug/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	1124	09/11/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	30.2	—	—	1.00E+00	ug/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	33.1	—	—	1.00E+00	ug/L	—	—	11-243	CAPA-10-26963	GELC
R-17	7041	1124	06/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	30.2	—	—	1.00E+00	ug/L	—	—	10-3404	CAPA-10-17591	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	31.2	—	—	1.00E+00	ug/L	—	—	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	30.9	—	—	1.00E+00	ug/L	—	—	10-976	CAPA-10-6175	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	30.5	—	—	1.00E+00	ug/L	—	—	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	10/22/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.41	—	—	2.50E+00	ug/L	J	J	11-243	CAPA-10-26964	GELC
R-17	7041	1124	06/14/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.1	—	—	2.50E+00	ug/L	J	J	10-3404	CAPA-10-17590	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.65	—	—	2.50E+00	ug/L	J	J	10-976	CAPA-10-6176	GELC
R-17	7041	1124	09/11/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.88	—	—	2.50E+00	ug/L	J	J	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	10/22/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	7.08	—	—	2.50E+00	ug/L	J	J	11-243	CAPA-10-26963	GELC
R-17	7041	1124	06/14/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	8.54	—	—	2.50E+00	ug/L	J	J	10-3404	CAPA-10-17591	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	12/16/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.26	—	—	2.50E+00	ug/L	J	J	10-976	CAPA-10-6175	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.14	—	—	2.50E+00	ug/L	J	J	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-3404	CAPA-10-17590	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-976	CAPA-10-6176	GELC
R-17	7041	1124	09/11/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	39	—	—	3.00E+01	ug/L	J	J	11-243	CAPA-10-26963	GELC
R-17	7041	1124	06/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-3404	CAPA-10-17591	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-976	CAPA-10-6175	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	10/22/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.48	—	—	1.00E-01	ug/L	—	J	11-243	CAPA-10-26964	GELC
R-17	7041	1124	06/14/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.17	—	—	1.00E-01	ug/L	—	—	10-3404	CAPA-10-17590	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.15	—	—	1.00E-01	ug/L	—	U	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.14	—	—	1.00E-01	ug/L	—	J	10-976	CAPA-10-6176	GELC
R-17	7041	1124	09/11/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	1.00E-01	ug/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	10/22/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.45	—	—	1.00E-01	ug/L	—	J	11-243	CAPA-10-26963	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-17	7041	1124	06/14/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.23	—	—	1.00E-01	ug/L	—	—	10-3404	CAPA-10-17591	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.16	—	—	1.00E-01	ug/L	—	U	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	12/16/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.19	—	—	1.00E-01	ug/L	—	J	10-976	CAPA-10-6175	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.17	—	—	1.00E-01	ug/L	—	—	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	06/14/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	10-3404	CAPA-10-17590	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	10-976	CAPA-10-6176	GELC
R-17	7041	1124	09/11/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	10/22/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.38	—	—	5.00E-01	ug/L	J	J	11-243	CAPA-10-26963	GELC
R-17	7041	1124	06/14/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.712	—	—	5.00E-01	ug/L	J	J	10-3404	CAPA-10-17591	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	12/16/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.631	—	—	5.00E-01	ug/L	J	J	10-976	CAPA-10-6175	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.534	—	—	5.00E-01	ug/L	J	J	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	76.6	—	—	5.30E-02	mg/L	—	—	11-243	CAPA-10-26964	GELC
R-17	7041	1124	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	76	—	—	5.30E-02	mg/L	—	—	10-4002	CAPA-10-24096	GELC
R-17	7041	1124	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	78.4	—	—	5.30E-02	mg/L	—	—	10-3404	CAPA-10-17590	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	78.8	—	—	5.30E-02	mg/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	80.1	—	—	5.30E-02	mg/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	1124	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	42.7	—	—	1.00E+00	ug/L	—	—	11-243	CAPA-10-26964	GELC
R-17	7041	1124	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	43.1	—	—	1.00E+00	ug/L	—	—	10-3404	CAPA-10-17590	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	43.1	—	—	1.00E+00	ug/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	44.2	—	—	1.00E+00	ug/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	1124	09/11/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	41	—	—	1.00E+00	ug/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	44	—	—	1.00E+00	ug/L	—	—	11-243	CAPA-10-26963	GELC
R-17	7041	1124	06/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	42.2	—	—	1.00E+00	ug/L	—	—	10-3404	CAPA-10-17591	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	43.2	—	—	1.00E+00	ug/L	—	—	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	44	—	—	1.00E+00	ug/L	—	—	10-976	CAPA-10-6175	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	41.9	—	—	1.00E+00	ug/L	—	—	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	10/22/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.453	—	—	5.00E-02	ug/L	—	—	11-243	CAPA-10-26964	GELC
R-17	7041	1124	06/14/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.546	—	—	5.00E-02	ug/L	—	—	10-3404	CAPA-10-17590	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.423	—	—	5.00E-02	ug/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.472	—	—	5.00E-02	ug/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	1124	09/11/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.417	—	—	5.00E-02	ug/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	10/22/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.484	—	—	5.00E-02	ug/L	—	—	11-243	CAPA-10-26963	GELC
R-17	7041	1124	06/14/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.552	—	—	5.00E-02	ug/L	—	—	10-3404	CAPA-10-17591	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.446	—	—	5.00E-02	ug/L	—	—	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	12/16/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.461	—	—	5.00E-02	ug/L	—	—	10-976	CAPA-10-6175	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.43	—	—	5.00E-02	ug/L	—	—	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.54	—	—	1.00E+00	ug/L	—	—	11-243	CAPA-10-26964	GELC
R-17	7041	1124	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.75	—	—	1.00E+00	ug/L	—	—	10-3404	CAPA-10-17590	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.56	—	—	1.00E+00	ug/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.49	—	—	1.00E+00	ug/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	1124	09/11/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.19	—	—	1.00E+00	ug/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.83	—	—	1.00E+00	ug/L	—	—	11-243	CAPA-10-26963	GELC
R-17	7041	1124	06/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.58	—	—	1.00E+00	ug/L	—	—	10-3404	CAPA-10-17591	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.44	—	—	1.00E+00	ug/L	—	—	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.05	—	—	1.00E+00	ug/L	—	—	10-976	CAPA-10-6175	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.38	—	—	1.00E+00	ug/L	—	—	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.57	—	—	3.30E+00	ug/L	J	J	11-243	CAPA-10-26964	GELC
R-17	7041	1124	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-3404	CAPA-10-17590	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-17	7041	1124	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-976	CAPA-10-6176	GELC
R-17	7041	1124	09/11/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.45	—	—	3.30E+00	ug/L	J	J	11-243	CAPA-10-26963	GELC
R-17	7041	1124	06/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-3404	CAPA-10-17591	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-976	CAPA-10-6175	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	09-3206	CAPA-09-12166	GELC
R-18	5861	1358	10/21/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.1	—	—	7.30E-01	mg/L	—	—	11-237	CAPA-10-27417	GELC
R-18	5861	1358	03/11/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52.2	—	—	7.30E-01	mg/L	—	—	10-2422	CAPA-10-12806	GELC
R-18	5861	1358	09/14/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	49.1	—	—	7.30E-01	mg/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	05/28/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	50.6	—	—	7.30E-01	mg/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	10/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	5.00E-02	mg/L	—	—	11-237	CAPA-10-27417	GELC
R-18	5861	1358	03/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.1	—	—	5.00E-02	mg/L	—	—	10-2422	CAPA-10-12806	GELC
R-18	5861	1358	09/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.72	—	—	5.00E-02	mg/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	05/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	3.00E-02	mg/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	10/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.77	—	—	5.00E-02	mg/L	—	—	11-237	CAPA-10-27415	GELC
R-18	5861	1358	03/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.96	—	—	5.00E-02	mg/L	—	—	10-2422	CAPA-10-12807	GELC
R-18	5861	1358	09/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.64	—	—	5.00E-02	mg/L	—	—	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	05/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10	—	—	3.00E-02	mg/L	—	—	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	10/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.38	—	—	6.60E-02	mg/L	—	—	11-237	CAPA-10-27417	GELC
R-18	5861	1358	03/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.17	—	—	6.60E-02	mg/L	—	—	10-2422	CAPA-10-12806	GELC
R-18	5861	1358	09/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.28	—	—	6.60E-02	mg/L	—	J-	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	05/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.32	—	—	6.60E-02	mg/L	—	J+	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	10/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.121	—	—	3.30E-02	mg/L	—	—	11-237	CAPA-10-27417	GELC
R-18	5861	1358	03/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.111	—	—	3.30E-02	mg/L	—	J-	10-2422	CAPA-10-12806	GELC
R-18	5861	1358	09/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.258	—	—	3.30E-02	mg/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	05/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.208	—	—	3.30E-02	mg/L	—	J+	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	10/21/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.1	—	—	3.50E-01	mg/L	—	—	11-237	CAPA-10-27417	GELC
R-18	5861	1358	03/11/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.1	—	—	3.50E-01	mg/L	—	—	10-2422	CAPA-10-12806	GELC
R-18	5861	1358	09/14/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38.1	—	—	3.50E-01	mg/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	05/28/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.8	—	—	3.50E-01	mg/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	10/21/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.8	—	—	3.50E-01	mg/L	—	—	11-237	CAPA-10-27415	GELC
R-18	5861	1358	03/11/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.6	—	—	3.50E-01	mg/L	—	—	10-2422	CAPA-10-12807	GELC
R-18	5861	1358	09/14/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.5	—	—	3.50E-01	mg/L	—	—	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	05/28/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.7	—	—	3.50E-01	mg/L	—	—	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	10/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.31	—	—	8.50E-02	mg/L	—	—	11-237	CAPA-10-27417	GELC
R-18	5861	1358	03/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.38	—	—	8.50E-02	mg/L	—	—	10-2422	CAPA-10-12806	GELC
R-18	5861	1358	09/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.35	—	—	8.50E-02	mg/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	05/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.47	—	—	8.50E-02	mg/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	10/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.25	—	—	8.50E-02	mg/L	—	—	11-237	CAPA-10-27415	GELC
R-18	5861	1358	03/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.33	—	—	8.50E-02	mg/L	—	—	10-2422	CAPA-10-12807	GELC
R-18	5861	1358	09/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.25	—	—	8.50E-02	mg/L	—	—	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	05/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.31	—	—	8.50E-02	mg/L	—	—	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	10/21/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.7	—	—	5.00E-02	mg/L	—	J	11-237	CAPA-10-27417	GELC
R-18	5861	1358	03/11/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.625	—	—	5.00E-02	mg/L	—	—	10-2422	CAPA-10-12806	GELC
R-18	5861	1358	09/14/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.665	—	—	5.00E-02	mg/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	05/28/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.645	—	—	5.00E-02	mg/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	03/12/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.22	—	—	1.00E-02	mg/L	—	—	09-1203	CAPA-09-4346	GELC
R-18	5861	1358	10/21/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.241	—	—	5.00E-02	ug/L	—	—	11-237	CAPA-10-27417	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-18	5861	1358	03/11/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.216	—	—	5.00E-02	ug/L	—	—	10-2422	CAPA-10-12806	GELC
R-18	5861	1358	09/14/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.247	—	—	5.00E-02	ug/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	05/28/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.226	—	—	5.00E-02	ug/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	10/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.23	—	—	5.00E-02	mg/L	—	—	11-237	CAPA-10-27417	GELC
R-18	5861	1358	03/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.17	—	—	5.00E-02	mg/L	—	—	10-2422	CAPA-10-12806	GELC
R-18	5861	1358	09/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.18	—	—	5.00E-02	mg/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	05/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.09	—	—	5.00E-02	mg/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	10/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.16	—	—	5.00E-02	mg/L	—	—	11-237	CAPA-10-27415	GELC
R-18	5861	1358	03/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.19	—	—	5.00E-02	mg/L	—	—	10-2422	CAPA-10-12807	GELC
R-18	5861	1358	09/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.17	—	—	5.00E-02	mg/L	—	—	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	05/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.07	—	—	5.00E-02	mg/L	—	—	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	10/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.65	—	—	1.00E-01	mg/L	—	—	11-237	CAPA-10-27417	GELC
R-18	5861	1358	03/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.88	—	—	1.00E-01	mg/L	—	—	10-2422	CAPA-10-12806	GELC
R-18	5861	1358	09/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.58	—	—	1.00E-01	mg/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	05/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.71	—	—	4.50E-02	mg/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	10/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.44	—	—	1.00E-01	mg/L	—	—	11-237	CAPA-10-27415	GELC
R-18	5861	1358	03/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.81	—	—	1.00E-01	mg/L	—	—	10-2422	CAPA-10-12807	GELC
R-18	5861	1358	09/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.38	—	—	1.00E-01	mg/L	—	—	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	05/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.46	—	—	4.50E-02	mg/L	—	—	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	10/21/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	113	—	—	1.00E+00	uS/cm	—	—	11-237	CAPA-10-27417	GELC
R-18	5861	1358	03/11/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	113	—	—	1.00E+00	uS/cm	—	—	10-2422	CAPA-10-12806	GELC
R-18	5861	1358	09/14/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	113	—	—	1.00E+00	uS/cm	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	05/28/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	114	—	—	1.00E+00	uS/cm	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	10/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2	—	—	1.00E-01	mg/L	—	—	11-237	CAPA-10-27417	GELC
R-18	5861	1358	03/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.9	—	—	1.00E-01	mg/L	—	—	10-2422	CAPA-10-12806	GELC
R-18	5861	1358	09/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.79	—	—	1.00E-01	mg/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	05/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.03	—	—	1.00E-01	mg/L	—	J+	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	10/21/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	113	—	—	2.40E+00	mg/L	—	—	11-237	CAPA-10-27417	GELC
R-18	5861	1358	03/11/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	118	—	—	2.40E+00	mg/L	—	—	10-2422	CAPA-10-12806	GELC
R-18	5861	1358	09/14/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	99	—	—	2.40E+00	mg/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	05/28/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	109	—	—	2.40E+00	mg/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	10/21/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.628	—	—	3.30E-01	mg/L	J	J	11-237	CAPA-10-27415	GELC
R-18	5861	1358	03/11/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.804	—	—	3.30E-01	mg/L	J	J	10-2422	CAPA-10-12807	GELC
R-18	5861	1358	09/14/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.676	—	—	3.30E-01	mg/L	J	J	09-3215	CAPA-09-12168	GELC
R-18	5861	1358	05/28/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.646	—	—	3.30E-01	mg/L	J	J	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	10/21/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.89	—	—	1.00E-02	SU	H	J-	11-237	CAPA-10-27417	GELC
R-18	5861	1358	03/11/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.78	—	—	1.00E-02	SU	H	J-	10-2422	CAPA-10-12806	GELC
R-18	5861	1358	09/14/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.79	—	—	1.00E-02	SU	H	J-	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	05/28/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.83	—	—	1.00E-02	SU	H	J-	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	10/21/10	WG	UF	CS	—	Hexp	SW-846:8321A	RDX	—	0.8	—	—	1.00E-01	ug/L	—	—	11-236	CAPA-10-27415	GELC
R-18	5861	1358	03/11/10	WG	UF	CS	—	Hexp	SW-846:8321A	RDX	—	0.893	—	—	1.00E-01	ug/L	H	J-	10-2422	CAPA-10-12807	GELC
R-18	5861	1358	09/14/09	WG	UF	CS	—	Hexp	SW-846:8321A	RDX	—	0.617	—	—	1.00E-01	ug/L	—	—	09-3215	CAPA-09-12168	GELC
R-18	5861	1358	05/28/09	WG	UF	CS	—	Hexp	SW-846:8321A	RDX	—	0.557	—	—	1.30E-01	ug/L	—	—	09-2078	CAPA-09-9404	GELC
R-18	5861	1358	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	20.3	—	—	1.00E+00	ug/L	—	—	11-237	CAPA-10-27417	GELC
R-18	5861	1358	03/11/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	20.2	—	—	1.00E+00	ug/L	—	—	10-2422	CAPA-10-12806	GELC
R-18	5861	1358	09/14/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	19.8	—	—	1.00E+00	ug/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	05/28/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	19.2	—	—	1.00E+00	ug/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19.8	—	—	1.00E+00	ug/L	—	—	11-237	CAPA-10-27415	GELC
R-18	5861	1358	03/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19.8	—	—	1.00E+00	ug/L	—	—	10-2422	CAPA-10-12807	GELC
R-18	5861	1358	09/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19.7	—	—	1.00E+00	ug/L	—	—	09-3216	CAPA-09-12168	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-18	5861	1358	05/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19	—	—	1.00E+00	ug/L	—	—	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	60.3	—	—	5.30E-02	mg/L	—	—	11-237	CAPA-10-27417	GELC
R-18	5861	1358	03/11/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	58.5	—	—	5.30E-02	mg/L	—	—	10-2422	CAPA-10-12806	GELC
R-18	5861	1358	09/14/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	58	—	—	5.30E-02	mg/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	05/28/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	57.7	—	—	3.20E-02	mg/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	51.4	—	—	1.00E+00	ug/L	—	—	11-237	CAPA-10-27417	GELC
R-18	5861	1358	03/11/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	49.8	—	—	1.00E+00	ug/L	—	—	10-2422	CAPA-10-12806	GELC
R-18	5861	1358	09/14/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	48.8	—	—	1.00E+00	ug/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	05/28/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	49.8	—	—	1.00E+00	ug/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	49.9	—	—	1.00E+00	ug/L	—	—	11-237	CAPA-10-27415	GELC
R-18	5861	1358	03/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	49.5	—	—	1.00E+00	ug/L	—	—	10-2422	CAPA-10-12807	GELC
R-18	5861	1358	09/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	48.2	—	—	1.00E+00	ug/L	—	—	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	05/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	48.8	—	—	1.00E+00	ug/L	—	—	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	10/21/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.364	—	—	5.00E-02	ug/L	—	—	11-237	CAPA-10-27417	GELC
R-18	5861	1358	03/11/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.475	—	—	5.00E-02	ug/L	N	J+	10-2422	CAPA-10-12806	GELC
R-18	5861	1358	09/14/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.48	—	—	5.00E-02	ug/L	—	U	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	05/28/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.423	—	—	5.00E-02	ug/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	10/21/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.365	—	—	5.00E-02	ug/L	—	—	11-237	CAPA-10-27415	GELC
R-18	5861	1358	03/11/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.494	—	—	5.00E-02	ug/L	N	J+	10-2422	CAPA-10-12807	GELC
R-18	5861	1358	09/14/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.482	—	—	5.00E-02	ug/L	—	U	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	05/28/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.38	—	—	5.00E-02	ug/L	—	—	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.81	—	—	1.00E+00	ug/L	J	J	11-237	CAPA-10-27417	GELC
R-18	5861	1358	03/11/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.9	—	—	1.00E+00	ug/L	J	J	10-2422	CAPA-10-12806	GELC
R-18	5861	1358	09/14/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.39	—	—	1.00E+00	ug/L	J	J	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	05/28/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	4.04	—	—	1.00E+00	ug/L	J	U	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.44	—	—	1.00E+00	ug/L	J	J	11-237	CAPA-10-27415	GELC
R-18	5861	1358	03/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.84	—	—	1.00E+00	ug/L	J	J	10-2422	CAPA-10-12807	GELC
R-18	5861	1358	09/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.45	—	—	1.00E+00	ug/L	J	J	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	05/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	3.9	—	—	1.00E+00	ug/L	J	U	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	05/28/09	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.000336	2.60E-03	3.90E-02	—	pCi/L	U	U	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	03/12/09	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00072	1.60E-03	5.20E-02	—	pCi/L	U	U	09-1202	CAPA-09-4346	GELC
R-18	5861	1358	10/21/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00492	9.33E-04	3.20E-02	—	pCi/L	U	U	11-236	CAPA-10-27415	GELC
R-18	5861	1358	03/11/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00145	6.00E-04	2.50E-02	—	pCi/L	U	U	10-2422	CAPA-10-12807	GELC
R-18	5861	1358	09/14/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0106	1.70E-03	4.60E-02	—	pCi/L	U	U	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	05/28/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0142	3.07E-03	3.20E-02	—	pCi/L	U	U	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	03/12/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0129	3.67E-03	4.80E-02	—	pCi/L	U	U	09-1202	CAPA-09-4348	GELC
R-18	5861	1358	05/28/09	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.266	4.67E-01	4.50E+00	—	pCi/L	U	U	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	03/12/09	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.419	4.67E-01	4.60E+00	—	pCi/L	U	U	09-1202	CAPA-09-4346	GELC
R-18	5861	1358	10/21/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.09	3.67E-01	3.80E+00	—	pCi/L	U	U	11-236	CAPA-10-27415	GELC
R-18	5861	1358	03/11/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.96	5.33E-01	5.10E+00	—	pCi/L	U	U	10-2422	CAPA-10-12807	GELC
R-18	5861	1358	09/14/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.277	3.67E-01	3.60E+00	—	pCi/L	U	U	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	05/28/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.47	4.67E-01	4.30E+00	—	pCi/L	U	U	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	03/12/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	3	4.67E-01	3.30E+00	—	pCi/L	U	U	09-1202	CAPA-09-4348	GELC
R-18	5861	1358	05/28/09	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.585	4.67E-01	4.50E+00	—	pCi/L	U	U	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	03/12/09	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.75	5.00E-01	4.30E+00	—	pCi/L	U	U	09-1202	CAPA-09-4346	GELC
R-18	5861	1358	10/21/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.035	4.00E-01	3.90E+00	—	pCi/L	U	U	11-236	CAPA-10-27415	GELC
R-18	5861	1358	03/11/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.57	4.67E-01	5.00E+00	—	pCi/L	U	U	10-2422	CAPA-10-12807	GELC
R-18	5861	1358	09/14/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.0214	3.67E-01	3.80E+00	—	pCi/L	U	U	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	05/28/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.248	4.33E-01	4.20E+00	—	pCi/L	U	U	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	03/12/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.452	4.33E-01	4.10E+00	—	pCi/L	U	U	09-1202	CAPA-09-4348	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-18	5861	1358	05/28/09	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	-1.07	2.10E-01	2.60E+00	—	pCi/L	U	U	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	03/12/09	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.524	1.43E-01	1.50E+00	—	pCi/L	U	U	09-1202	CAPA-09-4346	GELC
R-18	5861	1358	09/04/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.895	2.70E-01	2.85E+00	—	pCi/L	U	U	193122	GF070800G18R01	GELC
R-18	5861	1358	10/21/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.16	3.27E-01	2.80E+00	—	pCi/L	U	U	11-236	CAPA-10-27415	GELC
R-18	5861	1358	09/14/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.287	1.67E-01	2.00E+00	—	pCi/L	U	U	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	05/28/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.67	2.83E-01	2.60E+00	—	pCi/L	U	U	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	03/12/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.0287	7.67E-02	1.10E+00	—	pCi/L	U	U	09-1202	CAPA-09-4348	GELC
R-18	5861	1358	09/04/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.738	1.82E-01	1.84E+00	—	pCi/L	U	U	193122	GU070800G18R01	GELC
R-18	5861	1358	05/28/09	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.11	2.13E-01	2.10E+00	—	pCi/L	U	U	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	03/12/09	WG	F	CS	—	Rad	EPA:900	Gross beta	—	2.17	2.27E-01	2.10E+00	—	pCi/L	—	—	09-1202	CAPA-09-4346	GELC
R-18	5861	1358	09/04/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.497	1.84E-01	1.91E+00	—	pCi/L	U	U	193122	GF070800G18R01	GELC
R-18	5861	1358	10/21/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	6.19	4.00E-01	2.70E+00	—	pCi/L	—	—	11-236	CAPA-10-27415	GELC
R-18	5861	1358	09/14/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.18	2.30E-01	2.20E+00	—	pCi/L	U	U	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	05/28/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.01	2.07E-01	2.00E+00	—	pCi/L	U	U	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	03/12/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.09	2.23E-01	2.00E+00	—	pCi/L	—	—	09-1202	CAPA-09-4348	GELC
R-18	5861	1358	09/04/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.19	2.73E-01	2.43E+00	—	pCi/L	U	U	193122	GU070800G18R01	GELC
R-18	5861	1358	05/28/09	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	18.6	3.33E+00	3.30E+01	—	pCi/L	U	U	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	03/12/09	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	15.8	7.67E+00	6.70E+01	—	pCi/L	U	U	09-1202	CAPA-09-4346	GELC
R-18	5861	1358	10/21/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	24.7	8.67E+00	3.60E+01	—	pCi/L	U	U	11-236	CAPA-10-27415	GELC
R-18	5861	1358	03/11/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	11.3	1.57E+00	8.80E+00	—	pCi/L	—	U	10-2422	CAPA-10-12807	GELC
R-18	5861	1358	09/14/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	30.2	3.67E+00	3.50E+01	—	pCi/L	U	U	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	05/28/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	21.3	6.00E+00	4.10E+01	—	pCi/L	U	U	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	03/12/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	21.5	7.00E+00	4.20E+01	—	pCi/L	U	U	09-1202	CAPA-09-4348	GELC
R-18	5861	1358	05/28/09	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-33.1	3.67E+00	2.80E+01	—	pCi/L	U	U	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	03/12/09	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.43	4.00E+00	3.80E+01	—	pCi/L	U	U	09-1202	CAPA-09-4346	GELC
R-18	5861	1358	10/21/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.15	8.33E-01	8.40E+00	—	pCi/L	U	U	11-236	CAPA-10-27415	GELC
R-18	5861	1358	03/11/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.4	3.33E+00	3.20E+01	—	pCi/L	U	U	10-2422	CAPA-10-12807	GELC
R-18	5861	1358	09/14/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	34.4	3.67E+00	3.50E+01	—	pCi/L	U	U	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	05/28/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.21	3.33E+00	3.50E+01	—	pCi/L	U	U	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	03/12/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.01	3.17E+00	2.90E+01	—	pCi/L	U	U	09-1202	CAPA-09-4348	GELC
R-18	5861	1358	05/28/09	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0111	2.07E-03	2.90E-02	—	pCi/L	U	UJ	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	03/12/09	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00501	1.67E-03	3.60E-02	—	pCi/L	U	U	09-1202	CAPA-09-4346	GELC
R-18	5861	1358	10/21/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00218	7.33E-04	2.50E-02	—	pCi/L	U	U	11-236	CAPA-10-27415	GELC
R-18	5861	1358	03/11/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0127	1.73E-03	3.70E-02	—	pCi/L	U	U	10-2422	CAPA-10-12807	GELC
R-18	5861	1358	09/14/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00759	4.00E-03	4.20E-02	—	pCi/L	U	U	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	05/28/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00144	8.33E-04	2.60E-02	—	pCi/L	U	U	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	03/12/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00222	1.03E-03	3.20E-02	—	pCi/L	U	U	09-1202	CAPA-09-4348	GELC
R-18	5861	1358	05/28/09	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00318	1.50E-03	2.90E-02	—	pCi/L	U	UJ	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	03/12/09	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.01	2.90E-03	5.00E-02	—	pCi/L	U	U	09-1202	CAPA-09-4346	GELC
R-18	5861	1358	10/21/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.77E-03	4.30E-02	—	pCi/L	U	U	11-236	CAPA-10-27415	GELC
R-18	5861	1358	03/11/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.73E-03	2.60E-02	—	pCi/L	U	U	10-2422	CAPA-10-12807	GELC
R-18	5861	1358	09/14/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-1.21E-09	2.40E-03	4.10E-02	—	pCi/L	U	U	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	05/28/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00288	6.67E-04	2.60E-02	—	pCi/L	U	U	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	03/12/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00444	1.80E-03	4.40E-02	—	pCi/L	U	U	09-1202	CAPA-09-4348	GELC
R-18	5861	1358	05/28/09	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	12.5	4.67E+00	5.30E+01	—	pCi/L	U	U	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	03/12/09	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	12.7	6.67E+00	4.30E+01	—	pCi/L	U	U	09-1202	CAPA-09-4346	GELC
R-18	5861	1358	10/21/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	5.66	5.67E+00	6.10E+01	—	pCi/L	U	U	11-236	CAPA-10-27415	GELC
R-18	5861	1358	03/11/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-8.8	6.00E+00	6.40E+01	—	pCi/L	U	U	10-2422	CAPA-10-12807	GELC
R-18	5861	1358	09/14/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-18	6.33E+00	6.10E+01	—	pCi/L	U	U	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	05/28/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	5.05	5.67E+00	6.00E+01	—	pCi/L	U	U	09-2077	CAPA-09-9404	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-18	5861	1358	03/12/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-23.6	5.33E+00	5.20E+01	—	pCi/L	U	U	09-1202	CAPA-09-4348	GELC
R-18	5861	1358	05/28/09	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.29	3.67E-01	3.50E+00	—	pCi/L	U	U	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	03/12/09	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	2.24	3.67E-01	4.50E+00	—	pCi/L	U	U	09-1202	CAPA-09-4346	GELC
R-18	5861	1358	10/21/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.189	3.67E-01	3.70E+00	—	pCi/L	U	U	11-236	CAPA-10-27415	GELC
R-18	5861	1358	03/11/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.424	5.00E-01	5.00E+00	—	pCi/L	U	U	10-2422	CAPA-10-12807	GELC
R-18	5861	1358	09/14/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.654	4.00E-01	3.70E+00	—	pCi/L	U	U	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	05/28/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.151	5.00E-01	4.90E+00	—	pCi/L	U	U	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	03/12/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.12	3.27E-01	1.90E+00	—	pCi/L	U	U	09-1202	CAPA-09-4348	GELC
R-18	5861	1358	05/28/09	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0337	4.00E-02	3.90E-01	—	pCi/L	U	U	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	03/12/09	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.113	4.33E-02	4.50E-01	—	pCi/L	U	U	09-1202	CAPA-09-4346	GELC
R-18	5861	1358	10/21/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0962	4.67E-02	4.90E-01	—	pCi/L	U	U	11-236	CAPA-10-27415	GELC
R-18	5861	1358	03/11/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.2	3.67E-02	4.80E-01	—	pCi/L	U	U	10-2422	CAPA-10-12807	GELC
R-18	5861	1358	09/14/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	0.579	4.67E-02	3.70E-01	—	pCi/L	—	—	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	09/14/09	WG	UF	RE	—	Rad	EPA:905.0	Strontium-90	<	-0.251	4.00E-02	4.90E-01	—	pCi/L	U	U	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	05/28/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.351	5.00E-02	4.70E-01	—	pCi/L	U	U	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	03/12/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.239	4.00E-02	3.80E-01	—	pCi/L	U	U	09-1202	CAPA-09-4348	GELC
R-18	5861	1358	05/28/09	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.2	9.67E-03	1.10E-01	—	pCi/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	03/12/09	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.241	9.67E-03	8.00E-02	—	pCi/L	—	—	09-1202	CAPA-09-4346	GELC
R-18	5861	1358	10/21/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.251	1.07E-02	4.50E-02	—	pCi/L	—	—	11-236	CAPA-10-27415	GELC
R-18	5861	1358	03/11/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.26	9.00E-03	2.70E-02	—	pCi/L	—	—	10-2422	CAPA-10-12807	GELC
R-18	5861	1358	09/14/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.216	1.07E-02	1.10E-01	—	pCi/L	—	—	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	05/28/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.2	9.67E-03	1.10E-01	—	pCi/L	—	—	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	03/12/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.195	9.67E-03	1.20E-01	—	pCi/L	—	—	09-1202	CAPA-09-4348	GELC
R-18	5861	1358	05/28/09	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0103	2.57E-03	5.10E-02	—	pCi/L	U	U	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	03/12/09	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0285	3.33E-03	3.70E-02	—	pCi/L	U	U	09-1202	CAPA-09-4346	GELC
R-18	5861	1358	10/21/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0166	2.50E-03	3.50E-02	—	pCi/L	U	U	11-236	CAPA-10-27415	GELC
R-18	5861	1358	03/11/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0113	1.80E-03	2.10E-02	—	pCi/L	U	U	10-2422	CAPA-10-12807	GELC
R-18	5861	1358	09/14/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00392	1.30E-03	5.70E-02	—	pCi/L	U	U	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	05/28/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0164	2.47E-03	4.80E-02	—	pCi/L	U	U	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	03/12/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0194	2.93E-03	5.60E-02	—	pCi/L	U	U	09-1202	CAPA-09-4348	GELC
R-18	5861	1358	05/28/09	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.145	7.67E-03	5.10E-02	—	pCi/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	03/12/09	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.13	6.67E-03	4.80E-02	—	pCi/L	—	—	09-1202	CAPA-09-4346	GELC
R-18	5861	1358	10/21/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.142	7.33E-03	2.70E-02	—	pCi/L	—	—	11-236	CAPA-10-27415	GELC
R-18	5861	1358	03/11/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.151	6.00E-03	1.90E-02	—	pCi/L	—	—	10-2422	CAPA-10-12807	GELC
R-18	5861	1358	09/14/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.165	8.67E-03	6.90E-02	—	pCi/L	—	—	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	05/28/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0954	6.00E-03	4.80E-02	—	pCi/L	—	—	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	03/12/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.148	8.33E-03	7.20E-02	—	pCi/L	—	—	09-1202	CAPA-09-4348	GELC
R-19	232	909.3	10/15/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	3.13	—	—	7.30E-01	mg/L	—	—	11-178	CAPA-10-26956	GELC
R-19	232	909.3	06/02/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	1.07	—	—	7.30E-01	mg/L	—	—	10-3306	CAPA-10-17573	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	<	1	—	—	7.30E-01	mg/L	U	U	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	1.99	—	—	7.30E-01	mg/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	<	1	—	—	7.30E-01	mg/L	U	U	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	10/15/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	80.2	—	—	7.30E-01	mg/L	—	—	11-178	CAPA-10-26956	GELC
R-19	232	909.3	06/02/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	74.7	—	—	7.30E-01	mg/L	—	—	10-3306	CAPA-10-17573	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	71.9	—	—	7.30E-01	mg/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	71	—	—	7.30E-01	mg/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	69.9	—	—	7.30E-01	mg/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	10/15/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.039	—	—	1.60E-02	mg/L	J	J	11-178	CAPA-10-26956	GELC
R-19	232	909.3	06/02/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.08	—	—	1.60E-02	mg/L	—	U	10-3306	CAPA-10-17573	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.058	—	—	1.60E-02	mg/L	—	J-	10-2184	CAPA-10-12793	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-19	232	909.3	12/03/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.032	—	—	1.60E-02	mg/L	J	J-	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	UJ	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	10/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.6	—	—	5.00E-02	mg/L	—	—	11-178	CAPA-10-26956	GELC
R-19	232	909.3	06/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.1	—	—	5.00E-02	mg/L	—	—	10-3306	CAPA-10-17573	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.6	—	—	5.00E-02	mg/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.6	—	—	5.00E-02	mg/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.3	—	—	5.00E-02	mg/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	10/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.2	—	—	5.00E-02	mg/L	—	—	11-178	CAPA-10-26954	GELC
R-19	232	909.3	06/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.1	—	—	5.00E-02	mg/L	—	—	10-3306	CAPA-10-17572	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.3	—	—	5.00E-02	mg/L	—	—	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.4	—	—	5.00E-02	mg/L	—	—	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.2	—	—	5.00E-02	mg/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	10/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.78	—	—	6.60E-02	mg/L	—	—	11-178	CAPA-10-26956	GELC
R-19	232	909.3	06/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.72	—	—	6.60E-02	mg/L	—	—	10-3306	CAPA-10-17573	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.54	—	—	6.60E-02	mg/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.62	—	—	6.60E-02	mg/L	H	J	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.67	—	—	6.60E-02	mg/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	10/15/10	WG	UF	CS	—	Geninorg	EPA:335.4	Cyanide (Total)	—	0.00202	—	—	1.70E-03	mg/L	J	J	11-178	CAPA-10-26954	GELC
R-19	232	909.3	06/02/10	WG	UF	CS	—	Geninorg	EPA:335.4	Cyanide (Total)	<	0.005	—	—	1.70E-03	mg/L	U	U	10-3306	CAPA-10-17572	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Geninorg	EPA:335.4	Cyanide (Total)	<	0.005	—	—	1.70E-03	mg/L	U	U	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Geninorg	EPA:335.4	Cyanide (Total)	<	0.005	—	—	1.70E-03	mg/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Geninorg	EPA:335.4	Cyanide (Total)	<	0.005	—	—	1.70E-03	mg/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	10/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.503	—	—	3.30E-02	mg/L	—	—	11-178	CAPA-10-26956	GELC
R-19	232	909.3	06/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.518	—	—	3.30E-02	mg/L	—	—	10-3306	CAPA-10-17573	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.488	—	—	3.30E-02	mg/L	—	J-	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.735	—	—	3.30E-02	mg/L	H	J-	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.849	—	—	3.30E-02	mg/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	09/10/09	WG	F	RE	—	Geninorg	EPA:300.0	Fluoride	—	0.671	—	—	3.30E-02	mg/L	H	J-	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	10/15/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	50.6	—	—	3.50E-01	mg/L	—	—	11-178	CAPA-10-26956	GELC
R-19	232	909.3	06/02/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	55.2	—	—	3.50E-01	mg/L	—	—	10-3306	CAPA-10-17573	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	53.7	—	—	3.50E-01	mg/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	53.2	—	—	3.50E-01	mg/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	52.5	—	—	3.50E-01	mg/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	10/15/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	52.2	—	—	3.50E-01	mg/L	—	—	11-178	CAPA-10-26954	GELC
R-19	232	909.3	06/02/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	55.3	—	—	3.50E-01	mg/L	—	—	10-3306	CAPA-10-17572	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	55.8	—	—	3.50E-01	mg/L	—	—	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	53.3	—	—	3.50E-01	mg/L	—	—	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	52.1	—	—	3.50E-01	mg/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	10/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.82	—	—	8.50E-02	mg/L	—	—	11-178	CAPA-10-26956	GELC
R-19	232	909.3	06/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.04	—	—	8.50E-02	mg/L	—	—	10-3306	CAPA-10-17573	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.94	—	—	8.50E-02	mg/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.87	—	—	8.50E-02	mg/L	—	J	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.84	—	—	8.50E-02	mg/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	10/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.88	—	—	8.50E-02	mg/L	—	—	11-178	CAPA-10-26954	GELC
R-19	232	909.3	06/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.07	—	—	8.50E-02	mg/L	—	—	10-3306	CAPA-10-17572	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.07	—	—	8.50E-02	mg/L	—	—	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3	—	—	8.50E-02	mg/L	—	J	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.81	—	—	8.50E-02	mg/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	10/15/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.365	—	—	5.00E-02	mg/L	—	—	11-178	CAPA-10-26956	GELC
R-19	232	909.3	06/02/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.349	—	—	5.00E-02	mg/L	—	J+	10-3306	CAPA-10-17573	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-19	232	909.3	02/25/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.492	—	—	5.00E-02	mg/L	—	J	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.327	—	—	5.00E-02	mg/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.385	—	—	5.00E-02	mg/L	—	J	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	10/15/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.344	—	—	5.00E-02	ug/L	—	—	11-178	CAPA-10-26956	GELC
R-19	232	909.3	06/02/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.381	—	—	5.00E-02	ug/L	—	—	10-3306	CAPA-10-17573	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.353	—	—	5.00E-02	ug/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.35	—	—	5.00E-02	ug/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.355	—	—	5.00E-02	ug/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	10/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.05	—	—	5.00E-02	mg/L	—	—	11-178	CAPA-10-26956	GELC
R-19	232	909.3	06/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.991	—	—	5.00E-02	mg/L	—	—	10-3306	CAPA-10-17573	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.01	—	—	5.00E-02	mg/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.02	—	—	5.00E-02	mg/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.965	—	—	5.00E-02	mg/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	10/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.08	—	—	5.00E-02	mg/L	—	—	11-178	CAPA-10-26954	GELC
R-19	232	909.3	06/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.03	—	—	5.00E-02	mg/L	—	—	10-3306	CAPA-10-17572	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.03	—	—	5.00E-02	mg/L	—	—	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.991	—	—	5.00E-02	mg/L	—	—	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.931	—	—	5.00E-02	mg/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	10/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.6	—	—	1.00E-01	mg/L	—	—	11-178	CAPA-10-26956	GELC
R-19	232	909.3	06/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.9	—	—	1.00E-01	mg/L	—	—	10-3306	CAPA-10-17573	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.6	—	—	1.00E-01	mg/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.5	—	—	1.00E-01	mg/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.2	—	—	1.00E-01	mg/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	10/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.1	—	—	1.00E-01	mg/L	—	—	11-178	CAPA-10-26954	GELC
R-19	232	909.3	06/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15	—	—	1.00E-01	mg/L	—	—	10-3306	CAPA-10-17572	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.2	—	—	1.00E-01	mg/L	—	—	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15	—	—	1.00E-01	mg/L	—	—	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.9	—	—	1.00E-01	mg/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	10/15/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	167	—	—	1.00E+00	uS/cm	—	—	11-178	CAPA-10-26956	GELC
R-19	232	909.3	06/02/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	172	—	—	1.00E+00	uS/cm	—	—	10-3306	CAPA-10-17573	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	165	—	—	1.00E+00	uS/cm	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	164	—	—	1.00E+00	uS/cm	—	—	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	116	—	—	1.00E+00	uS/cm	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	10/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.27	—	—	1.00E-01	mg/L	—	—	11-178	CAPA-10-26956	GELC
R-19	232	909.3	06/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.22	—	—	1.00E-01	mg/L	—	—	10-3306	CAPA-10-17573	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.27	—	—	1.00E-01	mg/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.19	—	—	1.00E-01	mg/L	H	J-	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.13	—	—	1.00E-01	mg/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	10/15/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	150	—	—	2.40E+00	mg/L	—	—	11-178	CAPA-10-26956	GELC
R-19	232	909.3	06/02/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	162	—	—	2.40E+00	mg/L	—	J	10-3306	CAPA-10-17573	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	148	—	—	2.40E+00	mg/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	157	—	—	2.40E+00	mg/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	153	—	—	2.40E+00	mg/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	10/15/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.36	—	—	3.30E-01	mg/L	J	J	11-177	CAPA-10-26954	GELC
R-19	232	909.3	06/02/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	10-3306	CAPA-10-17572	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.439	—	—	3.30E-01	mg/L	J	J	10-2183	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.498	—	—	3.30E-01	mg/L	J	J	09-3209	CAPA-09-12155	GELC
R-19	232	909.3	10/15/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.068	—	—	1.50E-02	mg/L	—	—	11-178	CAPA-10-26956	GELC
R-19	232	909.3	06/02/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.053	—	—	1.50E-02	mg/L	—	U	10-3306	CAPA-10-17573	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-19	232	909.3	02/25/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.057	—	—	1.50E-02	mg/L	—	U	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.077	—	—	1.50E-02	mg/L	—	U	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.064	—	—	1.50E-02	mg/L	—	U	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	10/15/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.32	—	—	1.00E-02	SU	H	J-	11-178	CAPA-10-26956	GELC
R-19	232	909.3	06/02/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.32	—	—	1.00E-02	SU	H	J-	10-3306	CAPA-10-17573	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.37	—	—	1.00E-02	SU	H	J-	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.39	—	—	1.00E-02	SU	H	J-	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.29	—	—	1.00E-02	SU	H	J-	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	10/15/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	24.1	—	—	1.00E+00	ug/L	—	—	11-178	CAPA-10-26956	GELC
R-19	232	909.3	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	26	—	—	1.00E+00	ug/L	—	—	10-3306	CAPA-10-17573	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	25.8	—	—	1.00E+00	ug/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	24.1	—	—	1.00E+00	ug/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	25.8	—	—	1.00E+00	ug/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	10/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	25.3	—	—	1.00E+00	ug/L	—	—	11-178	CAPA-10-26954	GELC
R-19	232	909.3	06/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	26.9	—	—	1.00E+00	ug/L	—	—	10-3306	CAPA-10-17572	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.5	—	—	1.00E+00	ug/L	—	—	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	25.8	—	—	1.00E+00	ug/L	—	—	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	25.5	—	—	1.00E+00	ug/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-3306	CAPA-10-17573	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	10/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15	—	—	1.50E+01	ug/L	J	J	11-178	CAPA-10-26954	GELC
R-19	232	909.3	06/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.3	—	—	1.50E+01	ug/L	J	J	10-3306	CAPA-10-17572	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	10/15/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.45	—	—	2.50E+00	ug/L	J	J	11-178	CAPA-10-26956	GELC
R-19	232	909.3	06/02/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.06	—	—	2.50E+00	ug/L	J	J	10-3306	CAPA-10-17573	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	4.98	—	—	2.50E+00	ug/L	J	U	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.02	—	—	2.50E+00	ug/L	J	J	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	10/15/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.81	—	—	2.50E+00	ug/L	J	J	11-178	CAPA-10-26954	GELC
R-19	232	909.3	06/02/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.8	—	—	2.50E+00	ug/L	J	J	10-3306	CAPA-10-17572	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	5.48	—	—	2.50E+00	ug/L	J	U	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.01	—	—	2.50E+00	ug/L	J	J	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.02	—	—	2.50E+00	ug/L	J	J	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	10/15/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.26	—	—	1.00E-01	ug/L	—	J	11-178	CAPA-10-26956	GELC
R-19	232	909.3	06/02/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.37	—	—	1.00E-01	ug/L	—	—	10-3306	CAPA-10-17573	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.12	—	—	1.00E-01	ug/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.36	—	—	1.00E-01	ug/L	—	J	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.33	—	—	1.00E-01	ug/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	10/15/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.4	—	—	1.00E-01	ug/L	—	J	11-178	CAPA-10-26954	GELC
R-19	232	909.3	06/02/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.42	—	—	1.00E-01	ug/L	—	—	10-3306	CAPA-10-17572	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.19	—	—	1.00E-01	ug/L	—	—	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.31	—	—	1.00E-01	ug/L	—	J	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.65	—	—	1.00E-01	ug/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	06/02/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.593	—	—	5.00E-01	ug/L	J	U	10-3306	CAPA-10-17573	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.51	—	—	5.00E-01	ug/L	J	J	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.682	—	—	5.00E-01	ug/L	J	J	10-824	CAPA-10-6107	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-19	232	909.3	09/10/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.745	—	—	5.00E-01	ug/L	J	J	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	10/15/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.46	—	—	5.00E-01	ug/L	J	J	11-178	CAPA-10-26954	GELC
R-19	232	909.3	06/02/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.655	—	—	5.00E-01	ug/L	J	U	10-3306	CAPA-10-17572	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.727	—	—	5.00E-01	ug/L	J	J	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.28	—	—	5.00E-01	ug/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	10/15/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	66.4	—	—	5.30E-02	mg/L	—	—	11-178	CAPA-10-26956	GELC
R-19	232	909.3	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	73.7	—	—	5.30E-02	mg/L	—	—	10-3306	CAPA-10-17573	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	72.4	—	—	5.30E-02	mg/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.7	—	—	5.30E-02	mg/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70.9	—	—	5.30E-02	mg/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	10/15/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	67.3	—	—	1.00E+00	ug/L	—	—	11-178	CAPA-10-26956	GELC
R-19	232	909.3	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	74.2	—	—	1.00E+00	ug/L	—	—	10-3306	CAPA-10-17573	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	71.2	—	—	1.00E+00	ug/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	70.5	—	—	1.00E+00	ug/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	68.7	—	—	1.00E+00	ug/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	10/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	69.6	—	—	1.00E+00	ug/L	—	—	11-178	CAPA-10-26954	GELC
R-19	232	909.3	06/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	73.9	—	—	1.00E+00	ug/L	—	—	10-3306	CAPA-10-17572	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	74.2	—	—	1.00E+00	ug/L	—	—	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	70.7	—	—	1.00E+00	ug/L	—	—	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	68.3	—	—	1.00E+00	ug/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	10/15/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.279	—	—	5.00E-02	ug/L	—	—	11-178	CAPA-10-26956	GELC
R-19	232	909.3	06/02/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.214	—	—	5.00E-02	ug/L	—	—	10-3306	CAPA-10-17573	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.301	—	—	5.00E-02	ug/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.285	—	—	5.00E-02	ug/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.323	—	—	5.00E-02	ug/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	10/15/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.311	—	—	5.00E-02	ug/L	—	—	11-178	CAPA-10-26954	GELC
R-19	232	909.3	06/02/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.221	—	—	5.00E-02	ug/L	—	—	10-3306	CAPA-10-17572	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.284	—	—	5.00E-02	ug/L	—	—	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.287	—	—	5.00E-02	ug/L	—	—	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.333	—	—	5.00E-02	ug/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	10/15/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.93	—	—	1.00E+00	ug/L	J	J	11-178	CAPA-10-26956	GELC
R-19	232	909.3	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.96	—	—	1.00E+00	ug/L	J	J	10-3306	CAPA-10-17573	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.23	—	—	1.00E+00	ug/L	J	J	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.26	—	—	1.00E+00	ug/L	J	J	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.55	—	—	1.00E+00	ug/L	J	J	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	10/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.32	—	—	1.00E+00	ug/L	J	J	11-178	CAPA-10-26954	GELC
R-19	232	909.3	06/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.72	—	—	1.00E+00	ug/L	J	J	10-3306	CAPA-10-17572	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.16	—	—	1.00E+00	ug/L	J	J	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.26	—	—	1.00E+00	ug/L	J	J	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.67	—	—	1.00E+00	ug/L	J	J	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	10/15/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.13	—	—	3.30E+00	ug/L	J	J	11-178	CAPA-10-26956	GELC
R-19	232	909.3	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-3306	CAPA-10-17573	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	7.08	—	—	3.30E+00	ug/L	J	J	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4	—	—	3.30E+00	ug/L	J	J	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.84	—	—	3.30E+00	ug/L	J	J	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	10/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.42	—	—	3.30E+00	ug/L	J	J	11-178	CAPA-10-26954	GELC
R-19	232	909.3	06/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	57.2	—	—	3.30E+00	ug/L	—	—	10-3306	CAPA-10-17572	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.12	—	—	3.30E+00	ug/L	J	J	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-824	CAPA-10-6108	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-19	232	909.3	09/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.3	—	—	3.30E+00	ug/L	J	J	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	10/15/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00952	2.13E-03	4.10E-02	—	pCi/L	U	U	11-178	CAPA-10-26954	GELC
R-19	232	909.3	06/02/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00299	1.63E-03	2.90E-02	—	pCi/L	U	U	10-3306	CAPA-10-17572	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00236	1.40E-03	4.20E-02	—	pCi/L	U	U	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0189	3.67E-03	3.30E-02	—	pCi/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000663	1.03E-03	3.90E-02	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	10/15/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.95	4.67E-01	4.00E+00	—	pCi/L	U	U	11-178	CAPA-10-26954	GELC
R-19	232	909.3	06/02/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.59	4.00E-01	4.30E+00	—	pCi/L	U	U	10-3306	CAPA-10-17572	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.523	6.00E-01	5.30E+00	—	pCi/L	U	U	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.38	5.00E-01	4.80E+00	—	pCi/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.358	3.67E-01	3.80E+00	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	10/15/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.561	5.00E-01	5.00E+00	—	pCi/L	U	U	11-178	CAPA-10-26954	GELC
R-19	232	909.3	06/02/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.7	4.00E-01	4.30E+00	—	pCi/L	U	U	10-3306	CAPA-10-17572	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.46	4.67E-01	5.00E+00	—	pCi/L	U	U	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.76	4.67E-01	5.50E+00	—	pCi/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.06	3.67E-01	3.50E+00	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	10/15/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.276	2.47E-01	2.80E+00	—	pCi/L	U	U	11-178	CAPA-10-26954	GELC
R-19	232	909.3	06/02/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.195	1.97E-01	2.80E+00	—	pCi/L	U	U	10-3306	CAPA-10-17572	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.05	2.50E-01	2.50E+00	—	pCi/L	U	U	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.325	2.33E-01	2.70E+00	—	pCi/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	8.59	8.67E-01	4.50E+00	—	pCi/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	10/15/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.11	2.13E-01	2.30E+00	—	pCi/L	U	U	11-178	CAPA-10-26954	GELC
R-19	232	909.3	06/02/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	-1.37	2.30E-01	2.90E+00	—	pCi/L	U	U	10-3306	CAPA-10-17572	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.36	2.40E-01	2.30E+00	—	pCi/L	U	U	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.07	2.70E-01	2.40E+00	—	pCi/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.19	2.73E-01	2.40E+00	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	10/15/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	20.2	5.67E+00	3.60E+01	—	pCi/L	U	U	11-178	CAPA-10-26954	GELC
R-19	232	909.3	06/02/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	43.2	6.33E+00	1.00E+02	—	pCi/L	U	U	10-3306	CAPA-10-17572	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	10.8	1.50E+00	1.00E+01	—	pCi/L	—	U	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	33.9	7.33E+00	4.30E+01	—	pCi/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	15.1	4.00E+00	2.20E+01	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	10/15/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.01	1.00E+00	9.10E+00	—	pCi/L	U	U	11-178	CAPA-10-26954	GELC
R-19	232	909.3	06/02/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.506	7.67E-01	7.30E+00	—	pCi/L	U	U	10-3306	CAPA-10-17572	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-19.8	3.67E+00	3.30E+01	—	pCi/L	U	U	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	6.86	3.10E+00	3.20E+01	—	pCi/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.24	3.67E+00	3.10E+01	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	10/15/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0215	4.33E-03	3.10E-02	—	pCi/L	U	U	11-178	CAPA-10-26954	GELC
R-19	232	909.3	06/02/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00624	2.70E-03	3.10E-02	—	pCi/L	U	U	10-3306	CAPA-10-17572	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00104	4.33E-03	4.20E-02	—	pCi/L	U	U	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	1.15E-09	2.53E-03	3.50E-02	—	pCi/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00205	2.63E-03	3.40E-02	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	10/15/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-6.42E-10	1.80E-03	5.30E-02	—	pCi/L	U	U	11-178	CAPA-10-26954	GELC
R-19	232	909.3	06/02/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	9.67E-04	2.90E-02	—	pCi/L	U	U	10-3306	CAPA-10-17572	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00218	1.83E-03	3.00E-02	—	pCi/L	U	U	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	2.88E-10	1.60E-03	3.80E-02	—	pCi/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00613	2.47E-03	3.30E-02	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	10/15/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-34.2	6.00E+00	5.10E+01	—	pCi/L	U	U	11-178	CAPA-10-26954	GELC
R-19	232	909.3	06/02/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-43.3	6.67E+00	5.00E+01	—	pCi/L	U	U	10-3306	CAPA-10-17572	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-46.5	5.00E+00	3.50E+01	—	pCi/L	U	U	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	8.52	6.33E+00	6.50E+01	—	pCi/L	U	U	10-824	CAPA-10-6108	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-19	232	909.3	09/10/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-23.1	6.00E+00	5.60E+01	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	10/15/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.717	5.00E-01	5.10E+00	—	pCi/L	U	U	11-178	CAPA-10-26954	GELC
R-19	232	909.3	06/02/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.935	4.00E-01	3.70E+00	—	pCi/L	U	U	10-3306	CAPA-10-17572	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.21	5.00E-01	4.00E+00	—	pCi/L	U	U	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.076	5.00E-01	4.90E+00	—	pCi/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.45	4.33E-01	4.60E+00	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	10/15/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.157	4.67E-02	4.60E-01	—	pCi/L	U	U	11-178	CAPA-10-26954	GELC
R-19	232	909.3	06/02/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.44	5.33E-02	4.80E-01	—	pCi/L	U	U	10-3306	CAPA-10-17572	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.297	4.00E-02	4.80E-01	—	pCi/L	U	U	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.00852	3.67E-02	3.90E-01	—	pCi/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	0.875	5.33E-02	3.60E-01	—	pCi/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	09/10/09	WG	UF	RE	—	Rad	EPA:905.0	Strontium-90	<	-0.246	3.33E-02	4.80E-01	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	10/15/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.227	1.03E-02	5.00E-02	—	pCi/L	—	—	11-178	CAPA-10-26954	GELC
R-19	232	909.3	06/02/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.265	1.10E-02	6.00E-02	—	pCi/L	—	—	10-3306	CAPA-10-17572	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.245	1.07E-02	4.90E-02	—	pCi/L	—	—	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.273	1.17E-02	1.00E-01	—	pCi/L	—	—	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.237	1.07E-02	9.70E-02	—	pCi/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	10/15/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00735	3.00E-03	3.90E-02	—	pCi/L	U	U	11-178	CAPA-10-26954	GELC
R-19	232	909.3	06/02/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00683	1.63E-03	4.10E-02	—	pCi/L	U	U	10-3306	CAPA-10-17572	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0138	2.33E-03	3.80E-02	—	pCi/L	U	U	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00385	2.23E-03	5.30E-02	—	pCi/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00337	1.93E-03	4.90E-02	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	10/15/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0863	6.00E-03	3.00E-02	—	pCi/L	—	—	11-178	CAPA-10-26954	GELC
R-19	232	909.3	06/02/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0912	5.67E-03	4.50E-02	—	pCi/L	—	—	10-3306	CAPA-10-17572	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.081	5.67E-03	3.50E-02	—	pCi/L	—	—	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0778	6.00E-03	6.40E-02	—	pCi/L	—	—	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.109	6.33E-03	5.90E-02	—	pCi/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	282	1190.7	10/15/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.8	—	—	7.30E-01	mg/L	—	—	11-178	CAPA-10-27367	GELC
R-19	282	1190.7	06/03/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.7	—	—	7.30E-01	mg/L	—	—	10-3306	CAPA-10-17594	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.6	—	—	7.30E-01	mg/L	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52.1	—	—	7.30E-01	mg/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	09/14/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.1	—	—	7.30E-01	mg/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	10/15/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.02	—	—	1.60E-02	mg/L	J	J	11-178	CAPA-10-27367	GELC
R-19	282	1190.7	06/03/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.083	—	—	1.60E-02	mg/L	—	U	10-3306	CAPA-10-17594	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	UJ	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	U	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	09/14/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	UJ	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	10/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.8	—	—	5.00E-02	mg/L	—	—	11-178	CAPA-10-27367	GELC
R-19	282	1190.7	07/29/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.2	—	—	5.00E-02	mg/L	—	—	10-3929	CAPA-10-24098	GELC
R-19	282	1190.7	06/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.8	—	—	5.00E-02	mg/L	—	—	10-3306	CAPA-10-17594	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.4	—	—	5.00E-02	mg/L	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.6	—	—	5.00E-02	mg/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	10/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.8	—	—	5.00E-02	mg/L	—	—	11-178	CAPA-10-27366	GELC
R-19	282	1190.7	07/29/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.2	—	—	5.00E-02	mg/L	—	—	10-3929	CAPA-10-24099	GELC
R-19	282	1190.7	06/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.4	—	—	5.00E-02	mg/L	—	—	10-3306	CAPA-10-17593	GELC
R-19	282	1190.7	02/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.5	—	—	5.00E-02	mg/L	—	—	10-2184	CAPA-10-12810	GELC
R-19	282	1190.7	12/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.5	—	—	5.00E-02	mg/L	—	—	10-809	CAPA-10-6273	GELC
R-19	282	1190.7	10/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.84	—	—	6.60E-02	mg/L	—	—	11-178	CAPA-10-27367	GELC
R-19	282	1190.7	06/03/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.81	—	—	6.60E-02	mg/L	—	—	10-3306	CAPA-10-17594	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.68	—	—	6.60E-02	mg/L	—	—	10-2184	CAPA-10-12809	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-19	282	1190.7	12/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.59	—	—	6.60E-02	mg/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	09/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.77	—	—	6.60E-02	mg/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	10/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.311	—	—	3.30E-02	mg/L	—	—	11-178	CAPA-10-27367	GELC
R-19	282	1190.7	06/03/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.318	—	—	3.30E-02	mg/L	—	—	10-3306	CAPA-10-17594	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.314	—	—	3.30E-02	mg/L	—	J-	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.511	—	—	3.30E-02	mg/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	09/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.493	—	—	3.30E-02	mg/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	10/15/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	42	—	—	3.50E-01	mg/L	—	—	11-178	CAPA-10-27367	GELC
R-19	282	1190.7	07/29/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	42.9	—	—	3.50E-01	mg/L	—	—	10-3929	CAPA-10-24098	GELC
R-19	282	1190.7	06/03/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45.1	—	—	3.50E-01	mg/L	—	—	10-3306	CAPA-10-17594	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44	—	—	3.50E-01	mg/L	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44.6	—	—	3.50E-01	mg/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	10/15/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.9	—	—	3.50E-01	mg/L	—	—	11-178	CAPA-10-27366	GELC
R-19	282	1190.7	07/29/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	43.1	—	—	3.50E-01	mg/L	—	—	10-3929	CAPA-10-24099	GELC
R-19	282	1190.7	06/03/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.2	—	—	3.50E-01	mg/L	—	—	10-3306	CAPA-10-17593	GELC
R-19	282	1190.7	02/26/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.5	—	—	3.50E-01	mg/L	—	—	10-2184	CAPA-10-12810	GELC
R-19	282	1190.7	12/02/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.1	—	—	3.50E-01	mg/L	—	—	10-809	CAPA-10-6273	GELC
R-19	282	1190.7	10/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.03	—	—	8.50E-02	mg/L	—	—	11-178	CAPA-10-27367	GELC
R-19	282	1190.7	07/29/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.01	—	—	8.50E-02	mg/L	—	—	10-3929	CAPA-10-24098	GELC
R-19	282	1190.7	06/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.2	—	—	8.50E-02	mg/L	—	—	10-3306	CAPA-10-17594	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.18	—	—	8.50E-02	mg/L	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.17	—	—	8.50E-02	mg/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	10/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.04	—	—	8.50E-02	mg/L	—	—	11-178	CAPA-10-27366	GELC
R-19	282	1190.7	07/29/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.07	—	—	8.50E-02	mg/L	—	—	10-3929	CAPA-10-24099	GELC
R-19	282	1190.7	06/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.21	—	—	8.50E-02	mg/L	—	—	10-3306	CAPA-10-17593	GELC
R-19	282	1190.7	02/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.2	—	—	8.50E-02	mg/L	—	—	10-2184	CAPA-10-12810	GELC
R-19	282	1190.7	12/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.12	—	—	8.50E-02	mg/L	—	—	10-809	CAPA-10-6273	GELC
R-19	282	1190.7	10/15/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.281	—	—	5.00E-02	mg/L	—	—	11-178	CAPA-10-27367	GELC
R-19	282	1190.7	06/03/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.28	—	—	5.00E-02	mg/L	—	J+	10-3306	CAPA-10-17594	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.306	—	—	5.00E-02	mg/L	—	J	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.278	—	—	5.00E-02	mg/L	—	U	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	09/14/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.299	—	—	5.00E-02	mg/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	10/15/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.242	—	—	5.00E-02	ug/L	—	—	11-178	CAPA-10-27367	GELC
R-19	282	1190.7	06/03/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.246	—	—	5.00E-02	ug/L	—	—	10-3306	CAPA-10-17594	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.252	—	—	5.00E-02	ug/L	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.225	—	—	5.00E-02	ug/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	09/14/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.217	—	—	5.00E-02	ug/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	10/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.23	—	—	5.00E-02	mg/L	—	—	11-178	CAPA-10-27367	GELC
R-19	282	1190.7	07/29/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.23	—	—	5.00E-02	mg/L	—	—	10-3929	CAPA-10-24098	GELC
R-19	282	1190.7	06/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.21	—	—	5.00E-02	mg/L	—	—	10-3306	CAPA-10-17594	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.18	—	—	5.00E-02	mg/L	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.25	—	—	5.00E-02	mg/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	10/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.25	—	—	5.00E-02	mg/L	—	—	11-178	CAPA-10-27366	GELC
R-19	282	1190.7	07/29/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.28	—	—	5.00E-02	mg/L	—	—	10-3929	CAPA-10-24099	GELC
R-19	282	1190.7	06/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.19	—	—	5.00E-02	mg/L	—	—	10-3306	CAPA-10-17593	GELC
R-19	282	1190.7	02/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.22	—	—	5.00E-02	mg/L	—	—	10-2184	CAPA-10-12810	GELC
R-19	282	1190.7	12/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.22	—	—	5.00E-02	mg/L	—	—	10-809	CAPA-10-6273	GELC
R-19	282	1190.7	10/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10	—	—	1.00E-01	mg/L	—	—	11-178	CAPA-10-27367	GELC
R-19	282	1190.7	07/29/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	1.00E-01	mg/L	—	—	10-3929	CAPA-10-24098	GELC
R-19	282	1190.7	06/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	1.00E-01	mg/L	—	—	10-3306	CAPA-10-17594	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-19	282	1190.7	02/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.6	—	—	1.00E-01	mg/L	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.9	—	—	1.00E-01	mg/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	10/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.98	—	—	1.00E-01	mg/L	—	—	11-178	CAPA-10-27366	GELC
R-19	282	1190.7	07/29/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	1.00E-01	mg/L	—	—	10-3929	CAPA-10-24099	GELC
R-19	282	1190.7	06/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.6	—	—	1.00E-01	mg/L	—	—	10-3306	CAPA-10-17593	GELC
R-19	282	1190.7	02/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	1.00E-01	mg/L	—	—	10-2184	CAPA-10-12810	GELC
R-19	282	1190.7	12/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	1.00E-01	mg/L	—	—	10-809	CAPA-10-6273	GELC
R-19	282	1190.7	10/15/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	132	—	—	1.00E+00	uS/cm	—	—	11-178	CAPA-10-27367	GELC
R-19	282	1190.7	06/03/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	134	—	—	1.00E+00	uS/cm	—	—	10-3306	CAPA-10-17594	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	127	—	—	1.00E+00	uS/cm	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	111	—	—	1.00E+00	uS/cm	—	—	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	10/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.91	—	—	1.00E-01	mg/L	—	—	11-178	CAPA-10-27367	GELC
R-19	282	1190.7	06/03/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.88	—	—	1.00E-01	mg/L	—	—	10-3306	CAPA-10-17594	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.82	—	—	1.00E-01	mg/L	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	<	1.82	—	—	1.00E-01	mg/L	—	U	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	09/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.69	—	—	1.00E-01	mg/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	10/15/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	121	—	—	2.40E+00	mg/L	—	—	11-178	CAPA-10-27367	GELC
R-19	282	1190.7	06/03/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	135	—	—	2.40E+00	mg/L	—	J	10-3306	CAPA-10-17594	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	119	—	—	2.40E+00	mg/L	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	124	—	—	2.40E+00	mg/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	09/14/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	121	—	—	2.40E+00	mg/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	10/15/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.332	—	—	3.30E-01	mg/L	J	J	11-177	CAPA-10-27366	GELC
R-19	282	1190.7	06/03/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	10-3306	CAPA-10-17593	GELC
R-19	282	1190.7	02/26/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.355	—	—	3.30E-01	mg/L	J	J	10-2183	CAPA-10-12810	GELC
R-19	282	1190.7	12/02/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.427	—	—	3.30E-01	mg/L	J	J	10-809	CAPA-10-6273	GELC
R-19	282	1190.7	09/14/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	09-3256	CAPA-09-12175	GELC
R-19	282	1190.7	10/15/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.045	—	—	1.50E-02	mg/L	J	J	11-178	CAPA-10-27367	GELC
R-19	282	1190.7	06/03/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.044	—	—	1.50E-02	mg/L	J	U	10-3306	CAPA-10-17594	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.037	—	—	1.50E-02	mg/L	J	U	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.051	—	—	1.50E-02	mg/L	—	U	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	09/14/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.049	—	—	1.50E-02	mg/L	J	U	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	10/15/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.92	—	—	1.00E-02	SU	H	J-	11-178	CAPA-10-27367	GELC
R-19	282	1190.7	06/03/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.08	—	—	1.00E-02	SU	H	J-	10-3306	CAPA-10-17594	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.9	—	—	1.00E-02	SU	H	J-	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.8	—	—	1.00E-02	SU	H	J-	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	10/15/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	18.6	—	—	1.00E+00	ug/L	—	—	11-178	CAPA-10-27367	GELC
R-19	282	1190.7	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	18.4	—	—	1.00E+00	ug/L	—	—	10-3929	CAPA-10-24098	GELC
R-19	282	1190.7	06/03/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	18.7	—	—	1.00E+00	ug/L	—	—	10-3306	CAPA-10-17594	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	18.3	—	—	1.00E+00	ug/L	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	26.1	—	—	1.00E+00	ug/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	10/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	17.1	—	—	1.00E+00	ug/L	—	—	11-178	CAPA-10-27366	GELC
R-19	282	1190.7	07/29/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	17.7	—	—	1.00E+00	ug/L	—	—	10-3929	CAPA-10-24099	GELC
R-19	282	1190.7	06/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	18	—	—	1.00E+00	ug/L	—	—	10-3306	CAPA-10-17593	GELC
R-19	282	1190.7	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	18.6	—	—	1.00E+00	ug/L	—	—	10-2184	CAPA-10-12810	GELC
R-19	282	1190.7	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19.2	—	—	1.00E+00	ug/L	—	—	10-809	CAPA-10-6273	GELC
R-19	282	1190.7	10/15/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.26	—	—	2.50E+00	ug/L	J	J	11-178	CAPA-10-27367	GELC
R-19	282	1190.7	07/29/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.88	—	—	2.50E+00	ug/L	J	J	10-3929	CAPA-10-24098	GELC
R-19	282	1190.7	06/03/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.46	—	—	2.50E+00	ug/L	J	J	10-3306	CAPA-10-17594	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	4.62	—	—	2.50E+00	ug/L	J	U	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.08	—	—	2.50E+00	ug/L	J	J	10-809	CAPA-10-6274	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-19	282	1190.7	10/15/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.9	—	—	2.50E+00	ug/L	J	J	11-178	CAPA-10-27366	GELC
R-19	282	1190.7	07/29/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.33	—	—	2.50E+00	ug/L	J	J	10-3929	CAPA-10-24099	GELC
R-19	282	1190.7	06/03/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.76	—	—	2.50E+00	ug/L	J	J	10-3306	CAPA-10-17593	GELC
R-19	282	1190.7	02/26/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	5.27	—	—	2.50E+00	ug/L	J	U	10-2184	CAPA-10-12810	GELC
R-19	282	1190.7	12/02/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.42	—	—	2.50E+00	ug/L	J	J	10-809	CAPA-10-6273	GELC
R-19	282	1190.7	10/15/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	7.45	—	—	2.00E+00	ug/L	J	J	11-178	CAPA-10-27367	GELC
R-19	282	1190.7	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	10.7	—	—	2.00E+00	ug/L	—	—	10-3929	CAPA-10-24098	GELC
R-19	282	1190.7	06/03/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	8.16	—	—	2.00E+00	ug/L	J	J	10-3306	CAPA-10-17594	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	10.5	—	—	2.00E+00	ug/L	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	11.2	—	—	2.00E+00	ug/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	10/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	8.98	—	—	2.00E+00	ug/L	J	J	11-178	CAPA-10-27366	GELC
R-19	282	1190.7	07/29/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	16	—	—	2.00E+00	ug/L	—	—	10-3929	CAPA-10-24099	GELC
R-19	282	1190.7	06/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	13.7	—	—	2.00E+00	ug/L	—	—	10-3306	CAPA-10-17593	GELC
R-19	282	1190.7	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	16	—	—	2.00E+00	ug/L	—	—	10-2184	CAPA-10-12810	GELC
R-19	282	1190.7	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	9.08	—	—	2.00E+00	ug/L	J	J	10-809	CAPA-10-6273	GELC
R-19	282	1190.7	07/29/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.678	—	—	5.00E-01	ug/L	J	J	10-3929	CAPA-10-24098	GELC
R-19	282	1190.7	06/03/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.737	—	—	5.00E-01	ug/L	J	U	10-3306	CAPA-10-17594	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.615	—	—	5.00E-01	ug/L	J	J	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	10/15/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.52	—	—	5.00E-01	ug/L	J	J	11-178	CAPA-10-27366	GELC
R-19	282	1190.7	07/29/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.636	—	—	5.00E-01	ug/L	J	J	10-3929	CAPA-10-24099	GELC
R-19	282	1190.7	06/03/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.644	—	—	5.00E-01	ug/L	J	U	10-3306	CAPA-10-17593	GELC
R-19	282	1190.7	02/26/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.619	—	—	5.00E-01	ug/L	J	J	10-2184	CAPA-10-12810	GELC
R-19	282	1190.7	12/02/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1	—	—	5.00E-01	ug/L	J	J	10-809	CAPA-10-6273	GELC
R-19	282	1190.7	10/15/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64.8	—	—	5.30E-02	mg/L	—	—	11-178	CAPA-10-27367	GELC
R-19	282	1190.7	06/03/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	72	—	—	5.30E-02	mg/L	—	—	10-3306	CAPA-10-17594	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70	—	—	5.30E-02	mg/L	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	72.2	—	—	5.30E-02	mg/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	09/14/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70.2	—	—	5.30E-02	mg/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	10/15/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	51.3	—	—	1.00E+00	ug/L	—	—	11-178	CAPA-10-27367	GELC
R-19	282	1190.7	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	52.9	—	—	1.00E+00	ug/L	—	—	10-3929	CAPA-10-24098	GELC
R-19	282	1190.7	06/03/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	55.5	—	—	1.00E+00	ug/L	—	—	10-3306	CAPA-10-17594	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	52.8	—	—	1.00E+00	ug/L	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	54.5	—	—	1.00E+00	ug/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	10/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	50.9	—	—	1.00E+00	ug/L	—	—	11-178	CAPA-10-27366	GELC
R-19	282	1190.7	07/29/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	52.1	—	—	1.00E+00	ug/L	—	—	10-3929	CAPA-10-24099	GELC
R-19	282	1190.7	06/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53.9	—	—	1.00E+00	ug/L	—	—	10-3306	CAPA-10-17593	GELC
R-19	282	1190.7	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53.5	—	—	1.00E+00	ug/L	—	—	10-2184	CAPA-10-12810	GELC
R-19	282	1190.7	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	54	—	—	1.00E+00	ug/L	—	—	10-809	CAPA-10-6273	GELC
R-19	282	1190.7	10/15/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.269	—	—	5.00E-02	ug/L	—	—	11-178	CAPA-10-27367	GELC
R-19	282	1190.7	07/29/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.283	—	—	5.00E-02	ug/L	—	—	10-3929	CAPA-10-24098	GELC
R-19	282	1190.7	06/03/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.197	—	—	5.00E-02	ug/L	J	J	10-3306	CAPA-10-17594	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.285	—	—	5.00E-02	ug/L	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.329	—	—	5.00E-02	ug/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	10/15/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.277	—	—	5.00E-02	ug/L	—	—	11-178	CAPA-10-27366	GELC
R-19	282	1190.7	07/29/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.264	—	—	5.00E-02	ug/L	—	—	10-3929	CAPA-10-24099	GELC
R-19	282	1190.7	06/03/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.193	—	—	5.00E-02	ug/L	J	J	10-3306	CAPA-10-17593	GELC
R-19	282	1190.7	02/26/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.278	—	—	5.00E-02	ug/L	—	—	10-2184	CAPA-10-12810	GELC
R-19	282	1190.7	12/02/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.336	—	—	5.00E-02	ug/L	—	—	10-809	CAPA-10-6273	GELC
R-19	282	1190.7	10/15/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.13	—	—	1.00E+00	ug/L	J	J	11-178	CAPA-10-27367	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-19	282	1190.7	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.99	—	—	1.00E+00	ug/L	J	J	10-3929	CAPA-10-24098	GELC
R-19	282	1190.7	06/03/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.14	—	—	1.00E+00	ug/L	J	J	10-3306	CAPA-10-17594	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.22	—	—	1.00E+00	ug/L	J	J	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.71	—	—	1.00E+00	ug/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	10/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.88	—	—	1.00E+00	ug/L	J	J	11-178	CAPA-10-27366	GELC
R-19	282	1190.7	07/29/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.88	—	—	1.00E+00	ug/L	J	J	10-3929	CAPA-10-24099	GELC
R-19	282	1190.7	06/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.1	—	—	1.00E+00	ug/L	J	J	10-3306	CAPA-10-17593	GELC
R-19	282	1190.7	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.3	—	—	1.00E+00	ug/L	J	J	10-2184	CAPA-10-12810	GELC
R-19	282	1190.7	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.35	—	—	1.00E+00	ug/L	J	J	10-809	CAPA-10-6273	GELC
R-19	282	1190.7	10/15/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.99	—	—	3.30E+00	ug/L	J	J	11-178	CAPA-10-27367	GELC
R-19	282	1190.7	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.91	—	—	3.30E+00	ug/L	J	J	10-3929	CAPA-10-24098	GELC
R-19	282	1190.7	06/03/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-3306	CAPA-10-17594	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.13	—	—	3.30E+00	ug/L	J	J	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	8.15	—	—	3.30E+00	ug/L	J	J	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	10/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	8.22	—	—	3.30E+00	ug/L	J	J	11-178	CAPA-10-27366	GELC
R-19	282	1190.7	07/29/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	34.7	—	—	3.30E+00	ug/L	—	—	10-3929	CAPA-10-24099	GELC
R-19	282	1190.7	06/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	17	—	—	3.30E+00	ug/L	—	—	10-3306	CAPA-10-17593	GELC
R-19	282	1190.7	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.28	—	—	3.30E+00	ug/L	J	J	10-2184	CAPA-10-12810	GELC
R-19	282	1190.7	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	15.6	—	—	3.30E+00	ug/L	—	—	10-809	CAPA-10-6273	GELC
R-19	352	1412.9	10/14/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	49.5	—	—	7.30E-01	mg/L	—	—	11-165	CAPA-10-27371	GELC
R-19	352	1412.9	06/03/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	51.7	—	—	7.30E-01	mg/L	—	—	10-3306	CAPA-10-17600	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	49.5	—	—	7.30E-01	mg/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.6	—	—	7.30E-01	mg/L	—	—	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	09/16/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52.8	—	—	7.30E-01	mg/L	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	10/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.73	—	—	5.00E-02	mg/L	—	—	11-165	CAPA-10-27371	GELC
R-19	352	1412.9	07/30/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.75	—	—	5.00E-02	mg/L	—	—	10-3932	CAPA-10-24104	GELC
R-19	352	1412.9	06/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.44	—	—	5.00E-02	mg/L	—	—	10-3306	CAPA-10-17600	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.37	—	—	5.00E-02	mg/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.67	—	—	5.00E-02	mg/L	—	—	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	10/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.23	—	—	5.00E-02	mg/L	—	—	11-165	CAPA-10-27369	GELC
R-19	352	1412.9	07/30/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.25	—	—	5.00E-02	mg/L	—	—	10-3932	CAPA-10-24102	GELC
R-19	352	1412.9	06/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.87	—	—	5.00E-02	mg/L	—	—	10-3306	CAPA-10-17598	GELC
R-19	352	1412.9	02/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.16	—	—	5.00E-02	mg/L	—	—	10-2184	CAPA-10-12812	GELC
R-19	352	1412.9	12/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.37	—	—	5.00E-02	mg/L	—	—	10-809	CAPA-10-6345	GELC
R-19	352	1412.9	10/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.57	—	—	6.60E-02	mg/L	—	—	11-165	CAPA-10-27371	GELC
R-19	352	1412.9	06/03/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.62	—	—	6.60E-02	mg/L	—	—	10-3306	CAPA-10-17600	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.45	—	—	6.60E-02	mg/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.47	—	—	6.60E-02	mg/L	—	—	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	09/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.47	—	—	6.60E-02	mg/L	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	10/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.188	—	—	3.30E-02	mg/L	—	—	11-165	CAPA-10-27371	GELC
R-19	352	1412.9	06/03/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.197	—	—	3.30E-02	mg/L	—	—	10-3306	CAPA-10-17600	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.2	—	—	3.30E-02	mg/L	—	J-	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.433	—	—	3.30E-02	mg/L	—	—	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	09/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.477	—	—	3.30E-02	mg/L	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	10/14/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	32.5	—	—	3.50E-01	mg/L	—	—	11-165	CAPA-10-27371	GELC
R-19	352	1412.9	07/30/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	32.9	—	—	3.50E-01	mg/L	—	—	10-3932	CAPA-10-24104	GELC
R-19	352	1412.9	06/03/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	31.8	—	—	3.50E-01	mg/L	—	—	10-3306	CAPA-10-17600	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	35.3	—	—	3.50E-01	mg/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	32.5	—	—	3.50E-01	mg/L	—	—	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	10/14/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.4	—	—	3.50E-01	mg/L	—	—	11-165	CAPA-10-27369	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-19	352	1412.9	07/30/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.7	—	—	3.50E-01	mg/L	—	—	10-3932	CAPA-10-24102	GELC
R-19	352	1412.9	06/03/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	33.5	—	—	3.50E-01	mg/L	—	—	10-3306	CAPA-10-17598	GELC
R-19	352	1412.9	02/26/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.6	—	—	3.50E-01	mg/L	—	—	10-2184	CAPA-10-12812	GELC
R-19	352	1412.9	12/02/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	35.3	—	—	3.50E-01	mg/L	—	—	10-809	CAPA-10-6345	GELC
R-19	352	1412.9	10/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.6	—	—	8.50E-02	mg/L	—	—	11-165	CAPA-10-27371	GELC
R-19	352	1412.9	07/30/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.69	—	—	8.50E-02	mg/L	—	—	10-3932	CAPA-10-24104	GELC
R-19	352	1412.9	06/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.61	—	—	8.50E-02	mg/L	—	—	10-3306	CAPA-10-17600	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.89	—	—	8.50E-02	mg/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.64	—	—	8.50E-02	mg/L	—	—	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	10/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.75	—	—	8.50E-02	mg/L	—	—	11-165	CAPA-10-27369	GELC
R-19	352	1412.9	07/30/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.81	—	—	8.50E-02	mg/L	—	—	10-3932	CAPA-10-24102	GELC
R-19	352	1412.9	06/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.76	—	—	8.50E-02	mg/L	—	—	10-3306	CAPA-10-17598	GELC
R-19	352	1412.9	02/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.85	—	—	8.50E-02	mg/L	—	—	10-2184	CAPA-10-12812	GELC
R-19	352	1412.9	12/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.88	—	—	8.50E-02	mg/L	—	—	10-809	CAPA-10-6345	GELC
R-19	352	1412.9	10/14/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	793	—	—	1.00E+01	mg/L	—	J	11-165	CAPA-10-27371	GELC
R-19	352	1412.9	06/03/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.38	—	—	5.00E-02	mg/L	—	J+	10-3306	CAPA-10-17600	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.378	—	—	5.00E-02	mg/L	—	J	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.349	—	—	5.00E-02	mg/L	—	J	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	09/16/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.364	—	—	5.00E-02	mg/L	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	10/14/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.256	—	—	5.00E-02	ug/L	—	—	11-165	CAPA-10-27371	GELC
R-19	352	1412.9	06/03/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.305	—	—	5.00E-02	ug/L	—	—	10-3306	CAPA-10-17600	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.272	—	—	5.00E-02	ug/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.264	—	—	5.00E-02	ug/L	—	—	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	09/16/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.294	—	—	5.00E-02	ug/L	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	10/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.54	—	—	5.00E-02	mg/L	—	—	11-165	CAPA-10-27371	GELC
R-19	352	1412.9	07/30/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.61	—	—	5.00E-02	mg/L	—	—	10-3932	CAPA-10-24104	GELC
R-19	352	1412.9	06/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.47	—	—	5.00E-02	mg/L	—	—	10-3306	CAPA-10-17600	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.61	—	—	5.00E-02	mg/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.5	—	—	5.00E-02	mg/L	—	—	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	10/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.61	—	—	5.00E-02	mg/L	—	—	11-165	CAPA-10-27369	GELC
R-19	352	1412.9	07/30/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.7	—	—	5.00E-02	mg/L	—	—	10-3932	CAPA-10-24102	GELC
R-19	352	1412.9	06/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.48	—	—	5.00E-02	mg/L	—	—	10-3306	CAPA-10-17598	GELC
R-19	352	1412.9	02/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.58	—	—	5.00E-02	mg/L	—	—	10-2184	CAPA-10-12812	GELC
R-19	352	1412.9	12/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.63	—	—	5.00E-02	mg/L	—	—	10-809	CAPA-10-6345	GELC
R-19	352	1412.9	10/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.45	—	—	1.00E-01	mg/L	—	—	11-165	CAPA-10-27371	GELC
R-19	352	1412.9	07/30/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.53	—	—	1.00E-01	mg/L	—	—	10-3932	CAPA-10-24104	GELC
R-19	352	1412.9	06/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.23	—	—	1.00E-01	mg/L	—	—	10-3306	CAPA-10-17600	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.2	—	—	1.00E-01	mg/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.51	—	—	1.00E-01	mg/L	—	—	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	10/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.89	—	—	1.00E-01	mg/L	—	—	11-165	CAPA-10-27369	GELC
R-19	352	1412.9	07/30/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.93	—	—	1.00E-01	mg/L	—	—	10-3932	CAPA-10-24102	GELC
R-19	352	1412.9	06/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.56	—	—	1.00E-01	mg/L	—	—	10-3306	CAPA-10-17598	GELC
R-19	352	1412.9	02/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.98	—	—	1.00E-01	mg/L	—	—	10-2184	CAPA-10-12812	GELC
R-19	352	1412.9	12/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.3	—	—	1.00E-01	mg/L	—	—	10-809	CAPA-10-6345	GELC
R-19	352	1412.9	10/14/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	110	—	—	1.00E+00	uS/cm	—	—	11-165	CAPA-10-27371	GELC
R-19	352	1412.9	06/03/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	114	—	—	1.00E+00	uS/cm	—	—	10-3306	CAPA-10-17600	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	108	—	—	1.00E+00	uS/cm	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	103	—	—	1.00E+00	uS/cm	—	—	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	10/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.53	—	—	1.00E-01	mg/L	—	—	11-165	CAPA-10-27371	GELC
R-19	352	1412.9	06/03/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.48	—	—	1.00E-01	mg/L	—	—	10-3306	CAPA-10-17600	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-19	352	1412.9	02/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.49	—	—	1.00E-01	mg/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	<	1.61	—	—	1.00E-01	mg/L	—	U	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	09/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	<	1.35	—	—	1.00E-01	mg/L	—	U	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	10/14/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	135	—	—	2.40E+00	mg/L	—	—	11-165	CAPA-10-27371	GELC
R-19	352	1412.9	06/03/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	130	—	—	2.40E+00	mg/L	—	J	10-3306	CAPA-10-17600	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	119	—	—	2.40E+00	mg/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	2.40E+00	mg/L	—	—	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	09/16/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	125	—	—	2.40E+00	mg/L	H	J	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	10/14/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.681	—	—	3.30E-01	mg/L	J	J	11-165	CAPA-10-27369	GELC
R-19	352	1412.9	06/03/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	10-3306	CAPA-10-17598	GELC
R-19	352	1412.9	02/26/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.465	—	—	3.30E-01	mg/L	J	J	10-2183	CAPA-10-12812	GELC
R-19	352	1412.9	12/02/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.356	—	—	3.30E-01	mg/L	J	J	10-809	CAPA-10-6345	GELC
R-19	352	1412.9	09/16/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	09-3299	CAPA-09-12181	GELC
R-19	352	1412.9	10/14/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.98	—	—	1.00E-02	SU	H	J-	11-165	CAPA-10-27371	GELC
R-19	352	1412.9	06/03/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8	—	—	1.00E-02	SU	H	J-	10-3306	CAPA-10-17600	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.9	—	—	1.00E-02	SU	H	J-	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.87	—	—	1.00E-02	SU	H	J-	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	25.7	—	—	1.00E+00	ug/L	—	—	11-165	CAPA-10-27371	GELC
R-19	352	1412.9	07/30/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	25	—	—	1.00E+00	ug/L	—	—	10-3932	CAPA-10-24104	GELC
R-19	352	1412.9	06/03/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	25.2	—	—	1.00E+00	ug/L	—	—	10-3306	CAPA-10-17600	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	27.7	—	—	1.00E+00	ug/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	24.9	—	—	1.00E+00	ug/L	—	—	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.5	—	—	1.00E+00	ug/L	—	—	11-165	CAPA-10-27369	GELC
R-19	352	1412.9	07/30/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28	—	—	1.00E+00	ug/L	—	—	10-3932	CAPA-10-24102	GELC
R-19	352	1412.9	06/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	26.6	—	—	1.00E+00	ug/L	—	—	10-3306	CAPA-10-17598	GELC
R-19	352	1412.9	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	29.2	—	—	1.00E+00	ug/L	—	—	10-2184	CAPA-10-12812	GELC
R-19	352	1412.9	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28.2	—	—	1.00E+00	ug/L	—	—	10-809	CAPA-10-6345	GELC
R-19	352	1412.9	10/14/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.26	—	—	2.50E+00	ug/L	J	J	11-165	CAPA-10-27371	GELC
R-19	352	1412.9	07/30/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.77	—	—	2.50E+00	ug/L	J	J	10-3932	CAPA-10-24104	GELC
R-19	352	1412.9	06/03/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.05	—	—	2.50E+00	ug/L	J	J	10-3306	CAPA-10-17600	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	6.36	—	—	2.50E+00	ug/L	J	U	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.36	—	—	2.50E+00	ug/L	J	J	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	10/14/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.08	—	—	2.50E+00	ug/L	J	J	11-165	CAPA-10-27369	GELC
R-19	352	1412.9	07/30/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.96	—	—	2.50E+00	ug/L	J	J	10-3932	CAPA-10-24102	GELC
R-19	352	1412.9	06/03/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	6.26	—	—	2.50E+00	ug/L	J	J	10-3306	CAPA-10-17598	GELC
R-19	352	1412.9	02/26/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	6.56	—	—	2.50E+00	ug/L	J	U	10-2184	CAPA-10-12812	GELC
R-19	352	1412.9	12/02/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	6.14	—	—	2.50E+00	ug/L	J	J	10-809	CAPA-10-6345	GELC
R-19	352	1412.9	10/14/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.08	—	—	1.00E-01	ug/L	—	J	11-165	CAPA-10-27371	GELC
R-19	352	1412.9	07/30/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.943	—	—	1.00E-01	ug/L	—	—	10-3932	CAPA-10-24104	GELC
R-19	352	1412.9	06/03/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.08	—	—	1.00E-01	ug/L	—	—	10-3306	CAPA-10-17600	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.868	—	—	1.00E-01	ug/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.909	—	—	1.00E-01	ug/L	—	—	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	07/30/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.02	—	—	1.00E-01	ug/L	—	—	10-3932	CAPA-10-24102	GELC
R-19	352	1412.9	06/03/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.21	—	—	1.00E-01	ug/L	—	—	10-3306	CAPA-10-17598	GELC
R-19	352	1412.9	02/26/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.87	—	—	1.00E-01	ug/L	—	—	10-2184	CAPA-10-12812	GELC
R-19	352	1412.9	12/02/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.34	—	—	1.00E-01	ug/L	—	—	10-809	CAPA-10-6345	GELC
R-19	352	1412.9	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.6	—	—	5.30E-02	mg/L	—	—	11-165	CAPA-10-27371	GELC
R-19	352	1412.9	06/03/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70.9	—	—	5.30E-02	mg/L	—	—	10-3306	CAPA-10-17600	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	75.4	—	—	5.30E-02	mg/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71	—	—	5.30E-02	mg/L	—	—	10-809	CAPA-10-6343	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-19	352	1412.9	09/16/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	74.6	—	—	5.30E-02	mg/L	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	44.6	—	—	1.00E+00	ug/L	—	—	11-165	CAPA-10-27371	GELC
R-19	352	1412.9	07/30/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	43.5	—	—	1.00E+00	ug/L	—	—	10-3932	CAPA-10-24104	GELC
R-19	352	1412.9	06/03/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	42.3	—	—	1.00E+00	ug/L	—	—	10-3306	CAPA-10-17600	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	46.5	—	—	1.00E+00	ug/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	42.9	—	—	1.00E+00	ug/L	—	—	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	46.8	—	—	1.00E+00	ug/L	—	—	11-165	CAPA-10-27369	GELC
R-19	352	1412.9	07/30/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	46.1	—	—	1.00E+00	ug/L	—	—	10-3932	CAPA-10-24102	GELC
R-19	352	1412.9	06/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	44.4	—	—	1.00E+00	ug/L	—	—	10-3306	CAPA-10-17598	GELC
R-19	352	1412.9	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	45.4	—	—	1.00E+00	ug/L	—	—	10-2184	CAPA-10-12812	GELC
R-19	352	1412.9	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	46.9	—	—	1.00E+00	ug/L	—	—	10-809	CAPA-10-6345	GELC
R-19	352	1412.9	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	—	2.83	—	—	2.50E+00	ug/L	J	J	11-165	CAPA-10-27371	GELC
R-19	352	1412.9	07/30/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-3932	CAPA-10-24104	GELC
R-19	352	1412.9	06/03/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-3306	CAPA-10-17600	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	100	—	—	2.50E+01	ug/L	U	U	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	07/30/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-3932	CAPA-10-24102	GELC
R-19	352	1412.9	06/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-3306	CAPA-10-17598	GELC
R-19	352	1412.9	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-2184	CAPA-10-12812	GELC
R-19	352	1412.9	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	100	—	—	2.50E+01	ug/L	U	U	10-809	CAPA-10-6345	GELC
R-19	352	1412.9	10/14/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.371	—	—	5.00E-02	ug/L	—	—	11-165	CAPA-10-27371	GELC
R-19	352	1412.9	07/30/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.316	—	—	5.00E-02	ug/L	—	U	10-3932	CAPA-10-24104	GELC
R-19	352	1412.9	06/03/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.231	—	—	5.00E-02	ug/L	—	—	10-3306	CAPA-10-17600	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.345	—	—	5.00E-02	ug/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.355	—	—	5.00E-02	ug/L	—	—	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	10/14/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.354	—	—	5.00E-02	ug/L	—	—	11-165	CAPA-10-27369	GELC
R-19	352	1412.9	07/30/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.341	—	—	5.00E-02	ug/L	—	U	10-3932	CAPA-10-24102	GELC
R-19	352	1412.9	06/03/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.241	—	—	5.00E-02	ug/L	—	—	10-3306	CAPA-10-17598	GELC
R-19	352	1412.9	02/26/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.313	—	—	5.00E-02	ug/L	—	—	10-2184	CAPA-10-12812	GELC
R-19	352	1412.9	12/02/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.378	—	—	5.00E-02	ug/L	—	—	10-809	CAPA-10-6345	GELC
R-19	352	1412.9	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.45	—	—	1.00E+00	ug/L	J	J	11-165	CAPA-10-27371	GELC
R-19	352	1412.9	07/30/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.82	—	—	1.00E+00	ug/L	J	J	10-3932	CAPA-10-24104	GELC
R-19	352	1412.9	06/03/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.6	—	—	1.00E+00	ug/L	J	J	10-3306	CAPA-10-17600	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.13	—	—	1.00E+00	ug/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.91	—	—	1.00E+00	ug/L	J	J	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.56	—	—	1.00E+00	ug/L	J	J	11-165	CAPA-10-27369	GELC
R-19	352	1412.9	07/30/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.96	—	—	1.00E+00	ug/L	J	J	10-3932	CAPA-10-24102	GELC
R-19	352	1412.9	06/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.69	—	—	1.00E+00	ug/L	J	J	10-3306	CAPA-10-17598	GELC
R-19	352	1412.9	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.22	—	—	1.00E+00	ug/L	—	—	10-2184	CAPA-10-12812	GELC
R-19	352	1412.9	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.88	—	—	1.00E+00	ug/L	J	J	10-809	CAPA-10-6345	GELC
R-19	352	1412.9	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	7.51	—	—	3.30E+00	ug/L	J	J	11-165	CAPA-10-27371	GELC
R-19	352	1412.9	07/30/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.58	—	—	3.30E+00	ug/L	J	J	10-3932	CAPA-10-24104	GELC
R-19	352	1412.9	06/03/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-3306	CAPA-10-17600	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.49	—	—	3.30E+00	ug/L	J	J	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.38	—	—	3.30E+00	ug/L	J	J	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.37	—	—	3.30E+00	ug/L	J	J	11-165	CAPA-10-27369	GELC
R-19	352	1412.9	07/30/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	8.22	—	—	3.30E+00	ug/L	J	J	10-3932	CAPA-10-24102	GELC
R-19	352	1412.9	06/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	41.3	—	—	3.30E+00	ug/L	—	—	10-3306	CAPA-10-17598	GELC
R-19	352	1412.9	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.89	—	—	3.30E+00	ug/L	J	J	10-2184	CAPA-10-12812	GELC
R-19	352	1412.9	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	12.1	—	—	3.30E+00	ug/L	—	—	10-809	CAPA-10-6345	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-20	8441	904.6	10/20/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	2.02	—	—	7.30E-01	mg/L	—	—	11-229	CAPA-10-27374	GELC
R-20	8441	904.6	08/03/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	<	1	—	—	7.30E-01	mg/L	U	U	10-3985	CAPA-10-24107	GELC
R-20	8441	904.6	06/15/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	3.2	—	—	7.30E-01	mg/L	—	—	10-3427	CAPA-10-17604	GELC
R-20	8441	904.6	03/13/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	4.14	—	—	7.30E-01	mg/L	—	—	10-2453	CAPA-10-12816	GELC
R-20	8441	904.6	12/01/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	3.97	—	—	7.30E-01	mg/L	—	—	10-749	CAPA-10-6375	GELC
R-20	8441	904.6	10/20/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	62.7	—	—	7.30E-01	mg/L	—	—	11-229	CAPA-10-27374	GELC
R-20	8441	904.6	08/03/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	62.5	—	—	7.30E-01	mg/L	—	—	10-3985	CAPA-10-24107	GELC
R-20	8441	904.6	06/15/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	62.9	—	—	7.30E-01	mg/L	—	—	10-3427	CAPA-10-17604	GELC
R-20	8441	904.6	03/13/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	63.6	—	—	7.30E-01	mg/L	—	—	10-2453	CAPA-10-12816	GELC
R-20	8441	904.6	12/01/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	61	—	—	7.30E-01	mg/L	—	—	10-749	CAPA-10-6375	GELC
R-20	8441	904.6	10/20/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.052	—	—	1.60E-02	mg/L	—	J-	11-229	CAPA-10-27374	GELC
R-20	8441	904.6	08/03/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.016	—	—	1.60E-02	mg/L	J	J-	10-3985	CAPA-10-24107	GELC
R-20	8441	904.6	06/15/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.081	—	—	1.60E-02	mg/L	—	U	10-3427	CAPA-10-17604	GELC
R-20	8441	904.6	03/13/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.033	—	—	1.60E-02	mg/L	J	J-	10-2453	CAPA-10-12816	GELC
R-20	8441	904.6	12/01/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.057	—	—	1.60E-02	mg/L	—	—	10-749	CAPA-10-6375	GELC
R-20	8441	904.6	10/20/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.3	—	—	5.00E-02	mg/L	E	—	11-229	CAPA-10-27374	GELC
R-20	8441	904.6	08/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12	—	—	5.00E-02	mg/L	—	—	10-3985	CAPA-10-24107	GELC
R-20	8441	904.6	06/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.4	—	—	5.00E-02	mg/L	—	—	10-3427	CAPA-10-17604	GELC
R-20	8441	904.6	03/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.1	—	—	5.00E-02	mg/L	—	—	10-2453	CAPA-10-12816	GELC
R-20	8441	904.6	12/01/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.2	—	—	5.00E-02	mg/L	—	—	10-749	CAPA-10-6375	GELC
R-20	8441	904.6	10/20/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12	—	—	5.00E-02	mg/L	E	—	11-229	CAPA-10-27373	GELC
R-20	8441	904.6	08/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.6	—	—	5.00E-02	mg/L	—	—	10-3985	CAPA-10-24105	GELC
R-20	8441	904.6	06/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.7	—	—	5.00E-02	mg/L	—	—	10-3427	CAPA-10-17601	GELC
R-20	8441	904.6	03/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.8	—	—	5.00E-02	mg/L	—	—	10-2453	CAPA-10-12817	GELC
R-20	8441	904.6	12/01/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.1	—	—	5.00E-02	mg/L	—	—	10-749	CAPA-10-6373	GELC
R-20	8441	904.6	10/20/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.47	—	—	6.60E-02	mg/L	—	—	11-229	CAPA-10-27374	GELC
R-20	8441	904.6	08/03/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.3	—	—	6.60E-02	mg/L	—	—	10-3985	CAPA-10-24107	GELC
R-20	8441	904.6	06/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.28	—	—	6.60E-02	mg/L	—	—	10-3427	CAPA-10-17604	GELC
R-20	8441	904.6	03/13/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.17	—	—	6.60E-02	mg/L	—	—	10-2453	CAPA-10-12816	GELC
R-20	8441	904.6	12/01/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.1	—	—	6.60E-02	mg/L	—	—	10-749	CAPA-10-6375	GELC
R-20	8441	904.6	10/20/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.25	—	—	3.30E-02	mg/L	—	—	11-229	CAPA-10-27374	GELC
R-20	8441	904.6	08/03/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.26	—	—	3.30E-02	mg/L	—	—	10-3985	CAPA-10-24107	GELC
R-20	8441	904.6	06/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.228	—	—	3.30E-02	mg/L	—	—	10-3427	CAPA-10-17604	GELC
R-20	8441	904.6	03/13/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.233	—	—	3.30E-02	mg/L	—	J-	10-2453	CAPA-10-12816	GELC
R-20	8441	904.6	12/01/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.469	—	—	3.30E-02	mg/L	—	—	10-749	CAPA-10-6375	GELC
R-20	8441	904.6	10/20/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.8	—	—	3.50E-01	mg/L	—	—	11-229	CAPA-10-27374	GELC
R-20	8441	904.6	08/03/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.3	—	—	3.50E-01	mg/L	—	—	10-3985	CAPA-10-24107	GELC
R-20	8441	904.6	06/15/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.8	—	—	3.50E-01	mg/L	—	—	10-3427	CAPA-10-17604	GELC
R-20	8441	904.6	03/13/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.7	—	—	3.50E-01	mg/L	—	—	10-2453	CAPA-10-12816	GELC
R-20	8441	904.6	12/01/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.8	—	—	3.50E-01	mg/L	—	—	10-749	CAPA-10-6375	GELC
R-20	8441	904.6	10/20/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39.1	—	—	3.50E-01	mg/L	—	—	11-229	CAPA-10-27373	GELC
R-20	8441	904.6	08/03/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38	—	—	3.50E-01	mg/L	—	—	10-3985	CAPA-10-24105	GELC
R-20	8441	904.6	06/15/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.8	—	—	3.50E-01	mg/L	—	—	10-3427	CAPA-10-17601	GELC
R-20	8441	904.6	03/13/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.8	—	—	3.50E-01	mg/L	—	—	10-2453	CAPA-10-12817	GELC
R-20	8441	904.6	12/01/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	36.4	—	—	3.50E-01	mg/L	—	—	10-749	CAPA-10-6373	GELC
R-20	8441	904.6	10/20/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.09	—	—	8.50E-02	mg/L	—	—	11-229	CAPA-10-27374	GELC
R-20	8441	904.6	08/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.3	—	—	8.50E-02	mg/L	—	—	10-3985	CAPA-10-24107	GELC
R-20	8441	904.6	06/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.24	—	—	8.50E-02	mg/L	—	—	10-3427	CAPA-10-17604	GELC
R-20	8441	904.6	03/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.34	—	—	8.50E-02	mg/L	—	—	10-2453	CAPA-10-12816	GELC
R-20	8441	904.6	12/01/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.15	—	—	8.50E-02	mg/L	—	—	10-749	CAPA-10-6375	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-20	8441	904.6	10/20/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.25	—	—	8.50E-02	mg/L	—	—	11-229	CAPA-10-27373	GELC
R-20	8441	904.6	08/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.17	—	—	8.50E-02	mg/L	—	—	10-3985	CAPA-10-24105	GELC
R-20	8441	904.6	06/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.33	—	—	8.50E-02	mg/L	—	—	10-3427	CAPA-10-17601	GELC
R-20	8441	904.6	03/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.3	—	—	8.50E-02	mg/L	—	—	10-2453	CAPA-10-12817	GELC
R-20	8441	904.6	12/01/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.1	—	—	8.50E-02	mg/L	—	—	10-749	CAPA-10-6373	GELC
R-20	8441	904.6	10/20/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.174	—	—	5.00E-02	ug/L	J	J	11-229	CAPA-10-27374	GELC
R-20	8441	904.6	08/03/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.185	—	—	5.00E-02	ug/L	J	J	10-3985	CAPA-10-24107	GELC
R-20	8441	904.6	06/15/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.166	—	—	5.00E-02	ug/L	J	J	10-3427	CAPA-10-17604	GELC
R-20	8441	904.6	03/13/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.135	—	—	5.00E-02	ug/L	J	J	10-2453	CAPA-10-12816	GELC
R-20	8441	904.6	12/01/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.17	—	—	5.00E-02	ug/L	J	J+	10-749	CAPA-10-6375	GELC
R-20	8441	904.6	10/20/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.53	—	—	5.00E-02	mg/L	E	—	11-229	CAPA-10-27374	GELC
R-20	8441	904.6	08/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.72	—	—	5.00E-02	mg/L	—	—	10-3985	CAPA-10-24107	GELC
R-20	8441	904.6	06/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.56	—	—	5.00E-02	mg/L	—	—	10-3427	CAPA-10-17604	GELC
R-20	8441	904.6	03/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.62	—	—	5.00E-02	mg/L	E	—	10-2453	CAPA-10-12816	GELC
R-20	8441	904.6	12/01/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.49	—	—	5.00E-02	mg/L	—	—	10-749	CAPA-10-6375	GELC
R-20	8441	904.6	10/20/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.74	—	—	5.00E-02	mg/L	E	—	11-229	CAPA-10-27373	GELC
R-20	8441	904.6	08/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.63	—	—	5.00E-02	mg/L	—	—	10-3985	CAPA-10-24105	GELC
R-20	8441	904.6	06/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.56	—	—	5.00E-02	mg/L	—	—	10-3427	CAPA-10-17601	GELC
R-20	8441	904.6	03/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.56	—	—	5.00E-02	mg/L	E	—	10-2453	CAPA-10-12817	GELC
R-20	8441	904.6	12/01/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.38	—	—	5.00E-02	mg/L	—	—	10-749	CAPA-10-6373	GELC
R-20	8441	904.6	10/20/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.6	—	—	1.00E-01	mg/L	E	—	11-229	CAPA-10-27374	GELC
R-20	8441	904.6	08/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.8	—	—	1.00E-01	mg/L	—	—	10-3985	CAPA-10-24107	GELC
R-20	8441	904.6	06/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.4	—	—	1.00E-01	mg/L	—	—	10-3427	CAPA-10-17604	GELC
R-20	8441	904.6	03/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.6	—	—	1.00E-01	mg/L	—	—	10-2453	CAPA-10-12816	GELC
R-20	8441	904.6	12/01/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.5	—	—	1.00E-01	mg/L	—	—	10-749	CAPA-10-6375	GELC
R-20	8441	904.6	10/20/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.7	—	—	1.00E-01	mg/L	E	—	11-229	CAPA-10-27373	GELC
R-20	8441	904.6	08/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.7	—	—	1.00E-01	mg/L	—	—	10-3985	CAPA-10-24105	GELC
R-20	8441	904.6	06/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.7	—	—	1.00E-01	mg/L	—	—	10-3427	CAPA-10-17601	GELC
R-20	8441	904.6	03/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.3	—	—	1.00E-01	mg/L	—	—	10-2453	CAPA-10-12817	GELC
R-20	8441	904.6	12/01/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.7	—	—	1.00E-01	mg/L	—	—	10-749	CAPA-10-6373	GELC
R-20	8441	904.6	10/20/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	141	—	—	1.00E+00	uS/cm	—	—	11-229	CAPA-10-27374	GELC
R-20	8441	904.6	08/03/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	138	—	—	1.00E+00	uS/cm	—	—	10-3985	CAPA-10-24107	GELC
R-20	8441	904.6	06/15/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	142	—	—	1.00E+00	uS/cm	—	—	10-3427	CAPA-10-17604	GELC
R-20	8441	904.6	03/13/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	141	—	—	1.00E+00	uS/cm	—	—	10-2453	CAPA-10-12816	GELC
R-20	8441	904.6	12/01/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	138	—	—	1.00E+00	uS/cm	—	—	10-749	CAPA-10-6375	GELC
R-20	8441	904.6	10/20/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.35	—	—	1.00E-01	mg/L	—	—	11-229	CAPA-10-27374	GELC
R-20	8441	904.6	08/03/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.44	—	—	1.00E-01	mg/L	—	—	10-3985	CAPA-10-24107	GELC
R-20	8441	904.6	06/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.55	—	—	1.00E-01	mg/L	—	—	10-3427	CAPA-10-17604	GELC
R-20	8441	904.6	03/13/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.38	—	—	1.00E-01	mg/L	—	—	10-2453	CAPA-10-12816	GELC
R-20	8441	904.6	12/01/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.64	—	—	1.00E-01	mg/L	—	—	10-749	CAPA-10-6375	GELC
R-20	8441	904.6	10/20/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	127	—	—	2.40E+00	mg/L	—	—	11-229	CAPA-10-27374	GELC
R-20	8441	904.6	08/03/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	145	—	—	2.40E+00	mg/L	—	J	10-3985	CAPA-10-24107	GELC
R-20	8441	904.6	06/15/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	141	—	—	2.40E+00	mg/L	—	J	10-3427	CAPA-10-17604	GELC
R-20	8441	904.6	03/13/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	135	—	—	2.40E+00	mg/L	—	—	10-2453	CAPA-10-12816	GELC
R-20	8441	904.6	12/01/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	145	—	—	2.40E+00	mg/L	—	—	10-749	CAPA-10-6375	GELC
R-20	8441	904.6	10/20/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.915	—	—	3.30E-01	mg/L	J	J	11-229	CAPA-10-27373	GELC
R-20	8441	904.6	08/03/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.1	—	—	3.30E-01	mg/L	—	—	10-3985	CAPA-10-24105	GELC
R-20	8441	904.6	06/15/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.416	—	—	3.30E-01	mg/L	J	J	10-3427	CAPA-10-17601	GELC
R-20	8441	904.6	03/13/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.657	—	—	3.30E-01	mg/L	J	J	10-2453	CAPA-10-12817	GELC
R-20	8441	904.6	12/01/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.62	—	—	3.30E-01	mg/L	J	J	10-749	CAPA-10-6373	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-20	8441	904.6	10/20/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.27	—	—	1.00E-02	SU	H	J-	11-229	CAPA-10-27374	GELC
R-20	8441	904.6	08/03/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.4	—	—	1.00E-02	SU	H	J-	10-3985	CAPA-10-24107	GELC
R-20	8441	904.6	06/15/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.48	—	—	1.00E-02	SU	H	J-	10-3427	CAPA-10-17604	GELC
R-20	8441	904.6	03/13/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.68	—	—	1.00E-02	SU	H	J-	10-2453	CAPA-10-12816	GELC
R-20	8441	904.6	12/01/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.73	—	—	1.00E-02	SU	H	J-	10-749	CAPA-10-6375	GELC
R-20	8441	904.6	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	84.7	—	—	1.00E+00	ug/L	E	—	11-229	CAPA-10-27374	GELC
R-20	8441	904.6	08/03/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	92.7	—	—	1.00E+00	ug/L	—	—	10-3985	CAPA-10-24107	GELC
R-20	8441	904.6	06/15/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	83.3	—	—	1.00E+00	ug/L	—	—	10-3427	CAPA-10-17604	GELC
R-20	8441	904.6	03/13/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	79.7	—	—	1.00E+00	ug/L	—	—	10-2453	CAPA-10-12816	GELC
R-20	8441	904.6	12/01/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	77.6	—	—	1.00E+00	ug/L	—	—	10-749	CAPA-10-6375	GELC
R-20	8441	904.6	10/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	89.4	—	—	1.00E+00	ug/L	E	—	11-229	CAPA-10-27373	GELC
R-20	8441	904.6	08/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	90.5	—	—	1.00E+00	ug/L	—	—	10-3985	CAPA-10-24105	GELC
R-20	8441	904.6	06/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	85.1	—	—	1.00E+00	ug/L	—	—	10-3427	CAPA-10-17601	GELC
R-20	8441	904.6	03/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	79.7	—	—	1.00E+00	ug/L	—	—	10-2453	CAPA-10-12817	GELC
R-20	8441	904.6	12/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	76.9	—	—	1.00E+00	ug/L	—	—	10-749	CAPA-10-6373	GELC
R-20	8441	904.6	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.7	—	—	1.50E+01	ug/L	J	J	11-229	CAPA-10-27374	GELC
R-20	8441	904.6	08/03/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	16.1	—	—	1.50E+01	ug/L	J	J	10-3985	CAPA-10-24107	GELC
R-20	8441	904.6	06/15/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.1	—	—	1.50E+01	ug/L	J	J	10-3427	CAPA-10-17604	GELC
R-20	8441	904.6	03/13/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-2453	CAPA-10-12816	GELC
R-20	8441	904.6	12/01/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-749	CAPA-10-6375	GELC
R-20	8441	904.6	10/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	17.4	—	—	1.50E+01	ug/L	J	J	11-229	CAPA-10-27373	GELC
R-20	8441	904.6	08/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.1	—	—	1.50E+01	ug/L	J	J	10-3985	CAPA-10-24105	GELC
R-20	8441	904.6	06/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.2	—	—	1.50E+01	ug/L	J	J	10-3427	CAPA-10-17601	GELC
R-20	8441	904.6	03/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-2453	CAPA-10-12817	GELC
R-20	8441	904.6	12/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-749	CAPA-10-6373	GELC
R-20	8441	904.6	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	21	—	—	2.00E+00	ug/L	—	—	11-229	CAPA-10-27374	GELC
R-20	8441	904.6	08/03/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	25.1	—	—	2.00E+00	ug/L	—	—	10-3985	CAPA-10-24107	GELC
R-20	8441	904.6	06/15/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	24.4	—	—	2.00E+00	ug/L	—	—	10-3427	CAPA-10-17604	GELC
R-20	8441	904.6	03/13/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	14.3	—	—	2.00E+00	ug/L	—	—	10-2453	CAPA-10-12816	GELC
R-20	8441	904.6	12/01/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	12.3	—	—	2.00E+00	ug/L	—	—	10-749	CAPA-10-6375	GELC
R-20	8441	904.6	10/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	22.2	—	—	2.00E+00	ug/L	—	—	11-229	CAPA-10-27373	GELC
R-20	8441	904.6	08/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	25.2	—	—	2.00E+00	ug/L	—	—	10-3985	CAPA-10-24105	GELC
R-20	8441	904.6	06/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	28.3	—	—	2.00E+00	ug/L	—	—	10-3427	CAPA-10-17601	GELC
R-20	8441	904.6	03/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	14	—	—	2.00E+00	ug/L	—	—	10-2453	CAPA-10-12817	GELC
R-20	8441	904.6	12/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	11.8	—	—	2.00E+00	ug/L	—	—	10-749	CAPA-10-6373	GELC
R-20	8441	904.6	10/20/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	5.00E-01	ug/L	J	J	11-229	CAPA-10-27374	GELC
R-20	8441	904.6	08/03/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.26	—	—	5.00E-01	ug/L	J	J	10-3985	CAPA-10-24107	GELC
R-20	8441	904.6	06/15/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.23	—	—	5.00E-01	ug/L	J	J	10-3427	CAPA-10-17604	GELC
R-20	8441	904.6	03/13/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.966	—	—	5.00E-01	ug/L	J	J	10-2453	CAPA-10-12816	GELC
R-20	8441	904.6	12/01/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.08	—	—	5.00E-01	ug/L	J	J	10-749	CAPA-10-6375	GELC
R-20	8441	904.6	10/20/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.05	—	—	5.00E-01	ug/L	J	J	11-229	CAPA-10-27373	GELC
R-20	8441	904.6	08/03/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.21	—	—	5.00E-01	ug/L	J	J	10-3985	CAPA-10-24105	GELC
R-20	8441	904.6	06/15/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.49	—	—	5.00E-01	ug/L	J	J	10-3427	CAPA-10-17601	GELC
R-20	8441	904.6	03/13/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.977	—	—	5.00E-01	ug/L	J	J	10-2453	CAPA-10-12817	GELC
R-20	8441	904.6	12/01/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	5.00E-01	ug/L	J	J	10-749	CAPA-10-6373	GELC
R-20	8441	904.6	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.1	—	—	5.30E-02	mg/L	E	—	11-229	CAPA-10-27374	GELC
R-20	8441	904.6	08/03/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.8	—	—	5.30E-02	mg/L	—	—	10-3985	CAPA-10-24107	GELC
R-20	8441	904.6	06/15/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	68.4	—	—	5.30E-02	mg/L	—	—	10-3427	CAPA-10-17604	GELC
R-20	8441	904.6	03/13/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70.3	—	—	5.30E-02	mg/L	—	—	10-2453	CAPA-10-12816	GELC
R-20	8441	904.6	12/01/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	68.4	—	—	5.30E-02	mg/L	—	—	10-749	CAPA-10-6375	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-20	8441	904.6	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	142	—	—	1.00E+00	ug/L	E	—	11-229	CAPA-10-27374	GELC
R-20	8441	904.6	08/03/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	155	—	—	1.00E+00	ug/L	—	—	10-3985	CAPA-10-24107	GELC
R-20	8441	904.6	06/15/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	143	—	—	1.00E+00	ug/L	—	—	10-3427	CAPA-10-17604	GELC
R-20	8441	904.6	03/13/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	143	—	—	1.00E+00	ug/L	—	—	10-2453	CAPA-10-12816	GELC
R-20	8441	904.6	12/01/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	138	—	—	1.00E+00	ug/L	—	—	10-749	CAPA-10-6375	GELC
R-20	8441	904.6	10/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	152	—	—	1.00E+00	ug/L	E	—	11-229	CAPA-10-27373	GELC
R-20	8441	904.6	08/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	147	—	—	1.00E+00	ug/L	—	—	10-3985	CAPA-10-24105	GELC
R-20	8441	904.6	06/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	146	—	—	1.00E+00	ug/L	—	—	10-3427	CAPA-10-17601	GELC
R-20	8441	904.6	03/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	140	—	—	1.00E+00	ug/L	—	—	10-2453	CAPA-10-12817	GELC
R-20	8441	904.6	12/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	140	—	—	1.00E+00	ug/L	—	—	10-749	CAPA-10-6373	GELC
R-20	8441	904.6	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	—	3.86	—	—	2.50E+00	ug/L	J	J	11-229	CAPA-10-27374	GELC
R-20	8441	904.6	08/03/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	10-3985	CAPA-10-24107	GELC
R-20	8441	904.6	06/15/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-3427	CAPA-10-17604	GELC
R-20	8441	904.6	03/13/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-2453	CAPA-10-12816	GELC
R-20	8441	904.6	12/01/09	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	10-749	CAPA-10-6375	GELC
R-20	8441	904.6	08/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	10-3985	CAPA-10-24105	GELC
R-20	8441	904.6	06/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-3427	CAPA-10-17601	GELC
R-20	8441	904.6	03/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-2453	CAPA-10-12817	GELC
R-20	8441	904.6	12/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	10-749	CAPA-10-6373	GELC
R-20	8441	904.6	10/20/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.649	—	—	5.00E-02	ug/L	—	—	11-229	CAPA-10-27374	GELC
R-20	8441	904.6	08/03/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.702	—	—	5.00E-02	ug/L	—	—	10-3985	CAPA-10-24107	GELC
R-20	8441	904.6	06/15/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.818	—	—	5.00E-02	ug/L	—	—	10-3427	CAPA-10-17604	GELC
R-20	8441	904.6	03/13/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.583	—	—	5.00E-02	ug/L	—	—	10-2453	CAPA-10-12816	GELC
R-20	8441	904.6	12/01/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.631	—	—	5.00E-02	ug/L	—	—	10-749	CAPA-10-6375	GELC
R-20	8441	904.6	10/20/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.647	—	—	5.00E-02	ug/L	—	—	11-229	CAPA-10-27373	GELC
R-20	8441	904.6	08/03/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.695	—	—	5.00E-02	ug/L	—	—	10-3985	CAPA-10-24105	GELC
R-20	8441	904.6	06/15/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.789	—	—	5.00E-02	ug/L	—	—	10-3427	CAPA-10-17601	GELC
R-20	8441	904.6	03/13/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.561	—	—	5.00E-02	ug/L	—	—	10-2453	CAPA-10-12817	GELC
R-20	8441	904.6	12/01/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.649	—	—	5.00E-02	ug/L	—	—	10-749	CAPA-10-6373	GELC
R-20	8441	904.6	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.09	—	—	1.00E+00	ug/L	J	J	11-229	CAPA-10-27374	GELC
R-20	8441	904.6	08/03/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.38	—	—	1.00E+00	ug/L	J	J	10-3985	CAPA-10-24107	GELC
R-20	8441	904.6	06/15/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.37	—	—	1.00E+00	ug/L	J	J	10-3427	CAPA-10-17604	GELC
R-20	8441	904.6	03/13/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.44	—	—	1.00E+00	ug/L	J	J	10-2453	CAPA-10-12816	GELC
R-20	8441	904.6	12/01/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.48	—	—	1.00E+00	ug/L	J	J	10-749	CAPA-10-6375	GELC
R-20	8441	904.6	10/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.77	—	—	1.00E+00	ug/L	J	J	11-229	CAPA-10-27373	GELC
R-20	8441	904.6	08/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.88	—	—	1.00E+00	ug/L	J	J	10-3985	CAPA-10-24105	GELC
R-20	8441	904.6	06/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.18	—	—	1.00E+00	ug/L	J	J	10-3427	CAPA-10-17601	GELC
R-20	8441	904.6	03/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.33	—	—	1.00E+00	ug/L	J	J	10-2453	CAPA-10-12817	GELC
R-20	8441	904.6	12/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.58	—	—	1.00E+00	ug/L	J	J	10-749	CAPA-10-6373	GELC
R-20	8441	904.6	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.8	—	—	3.30E+00	ug/L	J	J	11-229	CAPA-10-27374	GELC
R-20	8441	904.6	08/03/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	8.21	—	—	3.30E+00	ug/L	J	J	10-3985	CAPA-10-24107	GELC
R-20	8441	904.6	06/15/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-3427	CAPA-10-17604	GELC
R-20	8441	904.6	03/13/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	3.75	—	—	3.30E+00	ug/L	J	U	10-2453	CAPA-10-12816	GELC
R-20	8441	904.6	12/01/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-749	CAPA-10-6375	GELC
R-20	8441	904.6	10/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.67	—	—	3.30E+00	ug/L	J	J	11-229	CAPA-10-27373	GELC
R-20	8441	904.6	08/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-3985	CAPA-10-24105	GELC
R-20	8441	904.6	06/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.51	—	—	3.30E+00	ug/L	J	J	10-3427	CAPA-10-17601	GELC
R-20	8441	904.6	03/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	5.31	—	—	3.30E+00	ug/L	J	U	10-2453	CAPA-10-12817	GELC
R-20	8441	904.6	12/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-749	CAPA-10-6373	GELC
R-20	8441	904.6	10/20/10	WG	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	—	10.7	—	—	2.00E+00	ug/L	—	—	11-229	CAPA-10-27373	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-20	8441	904.6	08/03/10	WG	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	—	28.5	—	—	2.00E+00	ug/L	—	—	10-3985	CAPA-10-24105	GELC
R-20	8441	904.6	06/15/10	WG	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	<	10	—	—	2.00E+00	ug/L	U	U	10-3427	CAPA-10-17601	GELC
R-20	8441	904.6	03/13/10	WG	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	<	11.4	—	—	2.30E+00	ug/L	U	U	10-2453	CAPA-10-12817	GELC
R-20	8441	904.6	12/01/09	WG	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	<	11.1	—	—	2.20E+00	ug/L	U	U	10-749	CAPA-10-6373	GELC
R-20	8451	1147.1	10/11/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.4	—	—	7.30E-01	mg/L	—	—	11-128	CAPA-10-27375	GELC
R-20	8451	1147.1	07/30/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	63.5	—	—	7.30E-01	mg/L	—	—	10-3925	CAPA-10-24109	GELC
R-20	8451	1147.1	06/01/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	66.1	—	—	7.30E-01	mg/L	—	—	10-3287	CAPA-10-17605	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	67.2	—	—	7.30E-01	mg/L	—	—	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68.5	—	—	7.30E-01	mg/L	—	—	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	10/11/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.086	—	—	1.60E-02	mg/L	—	J-	11-128	CAPA-10-27375	GELC
R-20	8451	1147.1	07/30/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.077	—	—	1.60E-02	mg/L	—	U	10-3925	CAPA-10-24109	GELC
R-20	8451	1147.1	06/01/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.085	—	—	1.60E-02	mg/L	—	U	10-3287	CAPA-10-17605	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.04	—	—	1.60E-02	mg/L	J	J-	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.043	—	—	1.60E-02	mg/L	J	J	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	10/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.5	—	—	5.00E-02	mg/L	—	—	11-128	CAPA-10-27375	GELC
R-20	8451	1147.1	07/30/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.7	—	—	5.00E-02	mg/L	—	—	10-3925	CAPA-10-24109	GELC
R-20	8451	1147.1	06/01/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.1	—	—	5.00E-02	mg/L	—	—	10-3288	CAPA-10-17605	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14	—	—	5.00E-02	mg/L	—	—	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.9	—	—	5.00E-02	mg/L	—	—	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	10/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.7	—	—	5.00E-02	mg/L	—	—	11-128	CAPA-10-27377	GELC
R-20	8451	1147.1	07/30/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13	—	—	5.00E-02	mg/L	—	—	10-3925	CAPA-10-24110	GELC
R-20	8451	1147.1	06/01/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.7	—	—	5.00E-02	mg/L	—	—	10-3288	CAPA-10-17607	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.4	—	—	5.00E-02	mg/L	—	—	10-2111	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.6	—	—	5.00E-02	mg/L	—	—	10-779	CAPA-10-6855	GELC
R-20	8451	1147.1	10/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.82	—	—	6.60E-02	mg/L	—	—	11-128	CAPA-10-27375	GELC
R-20	8451	1147.1	07/30/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.94	—	—	6.60E-02	mg/L	—	J+	10-3925	CAPA-10-24109	GELC
R-20	8451	1147.1	06/01/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.87	—	—	6.60E-02	mg/L	—	—	10-3287	CAPA-10-17605	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.91	—	—	6.60E-02	mg/L	—	—	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.21	—	—	6.60E-02	mg/L	—	—	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	10/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.219	—	—	3.30E-02	mg/L	—	—	11-128	CAPA-10-27375	GELC
R-20	8451	1147.1	07/30/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.264	—	—	3.30E-02	mg/L	—	—	10-3925	CAPA-10-24109	GELC
R-20	8451	1147.1	06/01/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.219	—	—	3.30E-02	mg/L	—	J-	10-3287	CAPA-10-17605	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.247	—	—	3.30E-02	mg/L	—	J-	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.512	—	—	3.30E-02	mg/L	—	—	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	10/11/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.4	—	—	3.50E-01	mg/L	—	—	11-128	CAPA-10-27375	GELC
R-20	8451	1147.1	07/30/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.8	—	—	3.50E-01	mg/L	—	—	10-3925	CAPA-10-24109	GELC
R-20	8451	1147.1	06/01/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	46.4	—	—	3.50E-01	mg/L	—	—	10-3288	CAPA-10-17605	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	46.2	—	—	3.50E-01	mg/L	—	—	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	49.2	—	—	3.50E-01	mg/L	—	—	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	10/11/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.1	—	—	3.50E-01	mg/L	—	—	11-128	CAPA-10-27377	GELC
R-20	8451	1147.1	07/30/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.8	—	—	3.50E-01	mg/L	—	—	10-3925	CAPA-10-24110	GELC
R-20	8451	1147.1	06/01/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	45.2	—	—	3.50E-01	mg/L	—	—	10-3288	CAPA-10-17607	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	47.2	—	—	3.50E-01	mg/L	—	—	10-2111	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	48.2	—	—	3.50E-01	mg/L	—	—	10-779	CAPA-10-6855	GELC
R-20	8451	1147.1	10/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.48	—	—	8.50E-02	mg/L	—	—	11-128	CAPA-10-27375	GELC
R-20	8451	1147.1	07/30/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.47	—	—	8.50E-02	mg/L	—	—	10-3925	CAPA-10-24109	GELC
R-20	8451	1147.1	06/01/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.71	—	—	8.50E-02	mg/L	—	—	10-3288	CAPA-10-17605	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.7	—	—	8.50E-02	mg/L	—	—	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.9	—	—	8.50E-02	mg/L	—	—	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	10/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.55	—	—	8.50E-02	mg/L	—	—	11-128	CAPA-10-27377	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-20	8451	1147.1	07/30/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.51	—	—	8.50E-02	mg/L	—	—	10-3925	CAPA-10-24110	GELC
R-20	8451	1147.1	06/01/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.67	—	—	8.50E-02	mg/L	—	—	10-3288	CAPA-10-17607	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.75	—	—	8.50E-02	mg/L	—	—	10-2111	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.83	—	—	8.50E-02	mg/L	—	—	10-779	CAPA-10-6855	GELC
R-20	8451	1147.1	10/11/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.235	—	—	5.00E-02	mg/L	J	J	11-128	CAPA-10-27375	GELC
R-20	8451	1147.1	07/30/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.194	—	—	5.00E-02	mg/L	J	J	10-3925	CAPA-10-24109	GELC
R-20	8451	1147.1	06/01/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.228	—	—	5.00E-02	mg/L	J	J	10-3287	CAPA-10-17605	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.161	—	—	5.00E-02	mg/L	J	J	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.061	—	—	5.00E-02	mg/L	J	U	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	10/11/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.21	—	—	5.00E-02	ug/L	—	J+	11-128	CAPA-10-27375	GELC
R-20	8451	1147.1	07/30/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.174	—	—	5.00E-02	ug/L	J	J	10-3925	CAPA-10-24109	GELC
R-20	8451	1147.1	06/01/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.169	—	—	5.00E-02	ug/L	J	J	10-3287	CAPA-10-17605	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.111	—	—	5.00E-02	ug/L	J	J	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	<	0.2	—	—	5.00E-02	ug/L	U	U	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	10/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.26	—	—	5.00E-02	mg/L	—	—	11-128	CAPA-10-27375	GELC
R-20	8451	1147.1	07/30/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.36	—	—	5.00E-02	mg/L	—	—	10-3925	CAPA-10-24109	GELC
R-20	8451	1147.1	06/01/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.53	—	—	5.00E-02	mg/L	—	—	10-3288	CAPA-10-17605	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.34	—	—	5.00E-02	mg/L	—	—	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.48	—	—	5.00E-02	mg/L	—	—	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	10/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.31	—	—	5.00E-02	mg/L	—	—	11-128	CAPA-10-27377	GELC
R-20	8451	1147.1	07/30/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.39	—	—	5.00E-02	mg/L	—	—	10-3925	CAPA-10-24110	GELC
R-20	8451	1147.1	06/01/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.47	—	—	5.00E-02	mg/L	—	—	10-3288	CAPA-10-17607	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.4	—	—	5.00E-02	mg/L	—	—	10-2111	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.42	—	—	5.00E-02	mg/L	—	—	10-779	CAPA-10-6855	GELC
R-20	8451	1147.1	10/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.3	—	—	1.00E-01	mg/L	—	—	11-128	CAPA-10-27375	GELC
R-20	8451	1147.1	07/30/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.9	—	—	1.00E-01	mg/L	—	—	10-3925	CAPA-10-24109	GELC
R-20	8451	1147.1	06/01/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.9	—	—	1.00E-01	mg/L	—	—	10-3288	CAPA-10-17605	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13	—	—	1.00E-01	mg/L	—	—	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.3	—	—	1.00E-01	mg/L	—	—	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	10/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	1.00E-01	mg/L	—	—	11-128	CAPA-10-27377	GELC
R-20	8451	1147.1	07/30/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.1	—	—	1.00E-01	mg/L	—	—	10-3925	CAPA-10-24110	GELC
R-20	8451	1147.1	06/01/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.9	—	—	1.00E-01	mg/L	—	—	10-3288	CAPA-10-17607	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.2	—	—	1.00E-01	mg/L	—	—	10-2111	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.9	—	—	1.00E-01	mg/L	—	—	10-779	CAPA-10-6855	GELC
R-20	8451	1147.1	10/11/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	137	—	—	1.00E+00	uS/cm	—	—	11-128	CAPA-10-27375	GELC
R-20	8451	1147.1	07/30/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	136	—	—	1.00E+00	uS/cm	—	—	10-3925	CAPA-10-24109	GELC
R-20	8451	1147.1	06/01/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	144	—	—	1.00E+00	uS/cm	—	—	10-3287	CAPA-10-17605	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	143	—	—	1.00E+00	uS/cm	—	—	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	154	—	—	1.00E+00	uS/cm	—	—	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	10/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.74	—	—	1.00E-01	mg/L	—	—	11-128	CAPA-10-27375	GELC
R-20	8451	1147.1	07/30/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.85	—	—	1.00E-01	mg/L	—	—	10-3925	CAPA-10-24109	GELC
R-20	8451	1147.1	06/01/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.82	—	—	1.00E-01	mg/L	—	—	10-3287	CAPA-10-17605	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.75	—	—	1.00E-01	mg/L	—	—	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.78	—	—	1.00E-01	mg/L	—	—	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	10/11/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	147	—	—	2.40E+00	mg/L	—	—	11-128	CAPA-10-27375	GELC
R-20	8451	1147.1	07/30/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	145	—	—	2.40E+00	mg/L	—	—	10-3925	CAPA-10-24109	GELC
R-20	8451	1147.1	06/01/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	150	—	—	2.40E+00	mg/L	H	J	10-3287	CAPA-10-17605	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	156	—	—	2.40E+00	mg/L	—	—	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	150	—	—	2.40E+00	mg/L	—	—	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	10/11/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.5	—	—	3.30E-01	mg/L	—	—	11-127	CAPA-10-27377	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-20	8451	1147.1	07/30/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.03	—	—	3.30E-01	mg/L	—	—	10-3924	CAPA-10-24110	GELC
R-20	8451	1147.1	06/01/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.21	—	—	3.30E-01	mg/L	—	—	10-3287	CAPA-10-17607	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.22	—	—	3.30E-01	mg/L	—	—	10-2110	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.26	—	—	3.30E-01	mg/L	—	—	10-778	CAPA-10-6855	GELC
R-20	8451	1147.1	10/11/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.06	—	—	1.00E-02	SU	H	J-	11-128	CAPA-10-27375	GELC
R-20	8451	1147.1	07/30/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.95	—	—	1.00E-02	SU	H	J-	10-3925	CAPA-10-24109	GELC
R-20	8451	1147.1	06/01/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.85	—	—	1.00E-02	SU	H	J-	10-3287	CAPA-10-17605	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.09	—	—	1.00E-02	SU	H	J-	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.99	—	—	1.00E-02	SU	H	J-	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	166	—	—	1.00E+00	ug/L	—	—	11-128	CAPA-10-27375	GELC
R-20	8451	1147.1	07/30/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	173	—	—	1.00E+00	ug/L	—	—	10-3925	CAPA-10-24109	GELC
R-20	8451	1147.1	06/01/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	202	—	—	1.00E+00	ug/L	E	—	10-3288	CAPA-10-17605	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	180	—	—	1.00E+00	ug/L	—	—	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	180	—	—	1.00E+00	ug/L	—	—	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	168	—	—	1.00E+00	ug/L	—	—	11-128	CAPA-10-27377	GELC
R-20	8451	1147.1	07/30/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	177	—	—	1.00E+00	ug/L	—	—	10-3925	CAPA-10-24110	GELC
R-20	8451	1147.1	06/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	190	—	—	1.00E+00	ug/L	E	—	10-3288	CAPA-10-17607	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	186	—	—	1.00E+00	ug/L	—	—	10-2111	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	177	—	—	1.00E+00	ug/L	—	—	10-779	CAPA-10-6855	GELC
R-20	8451	1147.1	10/11/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.7	—	—	2.50E+00	ug/L	J	J	11-128	CAPA-10-27375	GELC
R-20	8451	1147.1	07/30/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.31	—	—	2.50E+00	ug/L	J	J	10-3925	CAPA-10-24109	GELC
R-20	8451	1147.1	06/01/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.85	—	—	2.50E+00	ug/L	J	J	10-3288	CAPA-10-17605	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.29	—	—	2.50E+00	ug/L	J	J	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	10/11/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.94	—	—	2.50E+00	ug/L	J	J	11-128	CAPA-10-27377	GELC
R-20	8451	1147.1	07/30/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.51	—	—	2.50E+00	ug/L	J	J	10-3925	CAPA-10-24110	GELC
R-20	8451	1147.1	06/01/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.27	—	—	2.50E+00	ug/L	J	J	10-3288	CAPA-10-17607	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.8	—	—	2.50E+00	ug/L	J	J	10-2111	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-779	CAPA-10-6855	GELC
R-20	8451	1147.1	07/30/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	30.2	—	—	3.00E+01	ug/L	J	J	10-3925	CAPA-10-24109	GELC
R-20	8451	1147.1	06/01/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	47.7	—	—	3.00E+01	ug/L	J	J	10-3288	CAPA-10-17605	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	35.7	—	—	3.00E+01	ug/L	J	J	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	65.1	—	—	3.00E+01	ug/L	J	J	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	30.7	—	—	3.00E+01	ug/L	J	J	11-128	CAPA-10-27377	GELC
R-20	8451	1147.1	07/30/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	50.1	—	—	3.00E+01	ug/L	J	J	10-3925	CAPA-10-24110	GELC
R-20	8451	1147.1	06/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	53.3	—	—	3.00E+01	ug/L	J	J	10-3288	CAPA-10-17607	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	152	—	—	3.00E+01	ug/L	—	—	10-2111	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	62.2	—	—	3.00E+01	ug/L	J	J	10-779	CAPA-10-6855	GELC
R-20	8451	1147.1	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	63.7	—	—	2.00E+00	ug/L	—	—	11-128	CAPA-10-27375	GELC
R-20	8451	1147.1	07/30/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	65.9	—	—	2.00E+00	ug/L	—	—	10-3925	CAPA-10-24109	GELC
R-20	8451	1147.1	06/01/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	78.4	—	—	2.00E+00	ug/L	—	—	10-3288	CAPA-10-17605	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	67.2	—	—	2.00E+00	ug/L	—	—	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	74.3	—	—	2.00E+00	ug/L	—	—	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	64.2	—	—	2.00E+00	ug/L	—	—	11-128	CAPA-10-27377	GELC
R-20	8451	1147.1	07/30/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	67.8	—	—	2.00E+00	ug/L	—	—	10-3925	CAPA-10-24110	GELC
R-20	8451	1147.1	06/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	69.6	—	—	2.00E+00	ug/L	—	—	10-3288	CAPA-10-17607	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	71	—	—	2.00E+00	ug/L	—	—	10-2111	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	72.2	—	—	2.00E+00	ug/L	—	—	10-779	CAPA-10-6855	GELC
R-20	8451	1147.1	10/11/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.51	—	—	1.00E-01	ug/L	—	J	11-128	CAPA-10-27375	GELC
R-20	8451	1147.1	07/30/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.49	—	—	1.00E-01	ug/L	—	—	10-3925	CAPA-10-24109	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-20	8451	1147.1	06/01/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.75	—	—	1.00E-01	ug/L	—	—	10-3288	CAPA-10-17605	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.98	—	—	1.00E-01	ug/L	—	—	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.86	—	—	1.00E-01	ug/L	—	—	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	10/11/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.47	—	—	1.00E-01	ug/L	—	J	11-128	CAPA-10-27377	GELC
R-20	8451	1147.1	07/30/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.47	—	—	1.00E-01	ug/L	—	—	10-3925	CAPA-10-24110	GELC
R-20	8451	1147.1	06/01/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.81	—	—	1.00E-01	ug/L	—	—	10-3288	CAPA-10-17607	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.02	—	—	1.00E-01	ug/L	—	—	10-2111	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.83	—	—	1.00E-01	ug/L	—	—	10-779	CAPA-10-6855	GELC
R-20	8451	1147.1	10/11/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.81	—	—	5.00E-01	ug/L	—	—	11-128	CAPA-10-27375	GELC
R-20	8451	1147.1	07/30/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.73	—	—	5.00E-01	ug/L	—	—	10-3925	CAPA-10-24109	GELC
R-20	8451	1147.1	06/01/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.73	—	—	5.00E-01	ug/L	—	—	10-3288	CAPA-10-17605	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.21	—	—	5.00E-01	ug/L	—	—	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	5.00E-01	ug/L	J	J	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	10/11/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.75	—	—	5.00E-01	ug/L	—	—	11-128	CAPA-10-27377	GELC
R-20	8451	1147.1	07/30/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.89	—	—	5.00E-01	ug/L	—	—	10-3925	CAPA-10-24110	GELC
R-20	8451	1147.1	06/01/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.07	—	—	5.00E-01	ug/L	—	—	10-3288	CAPA-10-17607	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.64	—	—	5.00E-01	ug/L	—	—	10-2111	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.01	—	—	5.00E-01	ug/L	J	J	10-779	CAPA-10-6855	GELC
R-20	8451	1147.1	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70.3	—	—	5.30E-02	mg/L	—	—	11-128	CAPA-10-27375	GELC
R-20	8451	1147.1	07/30/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	72	—	—	5.30E-02	mg/L	—	—	10-3925	CAPA-10-24109	GELC
R-20	8451	1147.1	06/01/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.7	—	—	5.30E-02	mg/L	—	—	10-3287	CAPA-10-17605	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	74.7	—	—	5.30E-02	mg/L	—	—	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	77.9	—	—	5.30E-02	mg/L	—	—	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	200	—	—	1.00E+00	ug/L	—	—	11-128	CAPA-10-27375	GELC
R-20	8451	1147.1	07/30/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	210	—	—	1.00E+00	ug/L	—	—	10-3925	CAPA-10-24109	GELC
R-20	8451	1147.1	06/01/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	232	—	—	1.00E+00	ug/L	—	—	10-3288	CAPA-10-17605	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	226	—	—	1.00E+00	ug/L	—	—	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	229	—	—	1.00E+00	ug/L	—	—	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	204	—	—	1.00E+00	ug/L	—	—	11-128	CAPA-10-27377	GELC
R-20	8451	1147.1	07/30/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	214	—	—	1.00E+00	ug/L	—	—	10-3925	CAPA-10-24110	GELC
R-20	8451	1147.1	06/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	228	—	—	1.00E+00	ug/L	—	—	10-3288	CAPA-10-17607	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	230	—	—	1.00E+00	ug/L	—	—	10-2111	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	222	—	—	1.00E+00	ug/L	—	—	10-779	CAPA-10-6855	GELC
R-20	8451	1147.1	10/11/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.552	—	—	5.00E-02	ug/L	—	—	11-128	CAPA-10-27375	GELC
R-20	8451	1147.1	07/30/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.397	—	—	5.00E-02	ug/L	—	—	10-3925	CAPA-10-24109	GELC
R-20	8451	1147.1	06/01/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.609	—	—	5.00E-02	ug/L	—	—	10-3288	CAPA-10-17605	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.613	—	—	5.00E-02	ug/L	—	—	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.623	—	—	5.00E-02	ug/L	—	—	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	10/11/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.519	—	—	5.00E-02	ug/L	—	—	11-128	CAPA-10-27377	GELC
R-20	8451	1147.1	07/30/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.409	—	—	5.00E-02	ug/L	—	—	10-3925	CAPA-10-24110	GELC
R-20	8451	1147.1	06/01/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.597	—	—	5.00E-02	ug/L	—	—	10-3288	CAPA-10-17607	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.653	—	—	5.00E-02	ug/L	—	—	10-2111	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.596	—	—	5.00E-02	ug/L	—	—	10-779	CAPA-10-6855	GELC
R-20	8451	1147.1	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.72	—	—	1.00E+00	ug/L	J	J	11-128	CAPA-10-27375	GELC
R-20	8451	1147.1	07/30/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.45	—	—	1.00E+00	ug/L	J	J	10-3925	CAPA-10-24109	GELC
R-20	8451	1147.1	06/01/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.4	—	—	1.00E+00	ug/L	J	J	10-3288	CAPA-10-17605	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.93	—	—	1.00E+00	ug/L	J	J	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1.00E+00	ug/L	U	U	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.99	—	—	1.00E+00	ug/L	J	J	11-128	CAPA-10-27377	GELC
R-20	8451	1147.1	07/30/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.56	—	—	1.00E+00	ug/L	J	J	10-3925	CAPA-10-24110	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-20	8451	1147.1	06/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.02	—	—	1.00E+00	ug/L	J	J	10-3288	CAPA-10-17607	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.9	—	—	1.00E+00	ug/L	J	J	10-2111	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1.00E+00	ug/L	U	U	10-779	CAPA-10-6855	GELC
R-20	8451	1147.1	10/11/10	WG	UF	CS	—	VOA	SW-846:8260B	Toluene	—	0.32	—	—	2.50E-01	ug/L	J	J	11-127	CAPA-10-27377	GELC
R-20	8451	1147.1	07/30/10	WG	UF	CS	—	VOA	SW-846:8260B	Toluene	<	0.3	—	—	2.50E-01	ug/L	BJ	U	10-3924	CAPA-10-24110	GELC
R-20	8451	1147.1	06/01/10	WG	UF	CS	—	VOA	SW-846:8260B	Toluene	—	0.31	—	—	2.50E-01	ug/L	J	J	10-3287	CAPA-10-17607	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	VOA	SW-846:8260B	Toluene	<	1	—	—	2.50E-01	ug/L	U	U	10-2110	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	VOA	SW-846:8260B	Toluene	—	0.48	—	—	2.50E-01	ug/L	J	J	10-778	CAPA-10-6855	GELC
R-20	8451	1147.1	10/11/10	WG	UF	CS	—	VOA	SW-846:8260B	Trichloroethene	—	0.56	—	—	2.50E-01	ug/L	J	J	11-127	CAPA-10-27377	GELC
R-20	8451	1147.1	07/30/10	WG	UF	CS	—	VOA	SW-846:8260B	Trichloroethene	—	0.76	—	—	2.50E-01	ug/L	J	J	10-3924	CAPA-10-24110	GELC
R-20	8451	1147.1	06/01/10	WG	UF	CS	—	VOA	SW-846:8260B	Trichloroethene	—	0.98	—	—	2.50E-01	ug/L	J	J	10-3287	CAPA-10-17607	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	VOA	SW-846:8260B	Trichloroethene	—	1.77	—	—	2.50E-01	ug/L	—	—	10-2110	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	VOA	SW-846:8260B	Trichloroethene	—	3.02	—	—	2.50E-01	ug/L	—	—	10-778	CAPA-10-6855	GELC
R-20	8451	1147.1	10/11/10	WG	UF	CS	—	VOA	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	—	0.87	—	—	5.00E-01	ug/L	J	J	11-127	CAPA-10-27377	GELC
R-20	8451	1147.1	07/30/10	WG	UF	CS	—	VOA	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	—	0.82	—	—	5.00E-01	ug/L	J	J	10-3924	CAPA-10-24110	GELC
R-20	8451	1147.1	06/01/10	WG	UF	CS	—	VOA	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	—	0.98	—	—	5.00E-01	ug/L	J	J	10-3287	CAPA-10-17607	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	VOA	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	—	2.27	—	—	5.00E-01	ug/L	—	—	10-2110	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	VOA	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	—	3.51	—	—	5.00E-01	ug/L	—	—	10-778	CAPA-10-6855	GELC
R-21	1761	888.8	10/11/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	61	—	—	7.30E-01	mg/L	—	—	11-108	CAPA-10-27381	GELC
R-21	1761	888.8	08/11/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.5	—	—	7.30E-01	mg/L	—	—	10-4113	CAPA-10-24114	GELC
R-21	1761	888.8	06/11/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56	—	—	7.30E-01	mg/L	—	—	10-3397	CAPA-10-17673	GELC
R-21	1761	888.8	03/12/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.4	—	—	7.30E-01	mg/L	—	—	10-2446	CAPA-10-12826	GELC
R-21	1761	888.8	12/04/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	54.1	—	—	7.30E-01	mg/L	—	—	10-829	CAPA-10-6380	GELC
R-21	1761	888.8	10/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.9	—	—	5.00E-02	mg/L	—	—	11-108	CAPA-10-27381	GELC
R-21	1761	888.8	08/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.6	—	—	5.00E-02	mg/L	—	—	10-4113	CAPA-10-24114	GELC
R-21	1761	888.8	06/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.5	—	—	5.00E-02	mg/L	—	—	10-3397	CAPA-10-17673	GELC
R-21	1761	888.8	03/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.9	—	—	5.00E-02	mg/L	—	—	10-2446	CAPA-10-12826	GELC
R-21	1761	888.8	12/04/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.8	—	—	5.00E-02	mg/L	—	—	10-829	CAPA-10-6380	GELC
R-21	1761	888.8	10/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.8	—	—	5.00E-02	mg/L	—	—	11-108	CAPA-10-27382	GELC
R-21	1761	888.8	08/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.4	—	—	5.00E-02	mg/L	—	—	10-4113	CAPA-10-24115	GELC
R-21	1761	888.8	06/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.6	—	—	5.00E-02	mg/L	—	—	10-3397	CAPA-10-17672	GELC
R-21	1761	888.8	03/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.7	—	—	5.00E-02	mg/L	—	—	10-2446	CAPA-10-12829	GELC
R-21	1761	888.8	12/04/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.7	—	—	5.00E-02	mg/L	—	—	10-829	CAPA-10-6381	GELC
R-21	1761	888.8	10/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.83	—	—	6.60E-02	mg/L	—	—	11-108	CAPA-10-27381	GELC
R-21	1761	888.8	08/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.81	—	—	6.60E-02	mg/L	—	—	10-4113	CAPA-10-24114	GELC
R-21	1761	888.8	06/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.74	—	—	6.60E-02	mg/L	—	—	10-3397	CAPA-10-17673	GELC
R-21	1761	888.8	03/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.83	—	—	6.60E-02	mg/L	—	—	10-2446	CAPA-10-12826	GELC
R-21	1761	888.8	12/04/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.78	—	—	6.60E-02	mg/L	H	J	10-829	CAPA-10-6380	GELC
R-21	1761	888.8	10/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.235	—	—	3.30E-02	mg/L	—	—	11-108	CAPA-10-27381	GELC
R-21	1761	888.8	08/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.197	—	—	3.30E-02	mg/L	—	—	10-4113	CAPA-10-24114	GELC
R-21	1761	888.8	06/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.237	—	—	3.30E-02	mg/L	—	J-	10-3397	CAPA-10-17673	GELC
R-21	1761	888.8	03/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.214	—	—	3.30E-02	mg/L	—	J-	10-2446	CAPA-10-12826	GELC
R-21	1761	888.8	12/04/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.473	—	—	3.30E-02	mg/L	H	J-	10-829	CAPA-10-6380	GELC
R-21	1761	888.8	10/11/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	42.5	—	—	3.50E-01	mg/L	—	—	11-108	CAPA-10-27381	GELC
R-21	1761	888.8	08/11/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.6	—	—	3.50E-01	mg/L	—	—	10-4113	CAPA-10-24114	GELC
R-21	1761	888.8	06/11/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.3	—	—	3.50E-01	mg/L	—	—	10-3397	CAPA-10-17673	GELC
R-21	1761	888.8	03/12/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	42.5	—	—	3.50E-01	mg/L	—	—	10-2446	CAPA-10-12826	GELC
R-21	1761	888.8	12/04/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.9	—	—	3.50E-01	mg/L	—	—	10-829	CAPA-10-6380	GELC
R-21	1761	888.8	10/11/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.3	—	—	3.50E-01	mg/L	—	—	11-108	CAPA-10-27382	GELC
R-21	1761	888.8	08/11/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.7	—	—	3.50E-01	mg/L	—	—	10-4113	CAPA-10-24115	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-21	1761	888.8	06/11/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	45.2	—	—	3.50E-01	mg/L	—	—	10-3397	CAPA-10-17672	GELC
R-21	1761	888.8	03/12/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.1	—	—	3.50E-01	mg/L	—	—	10-2446	CAPA-10-12829	GELC
R-21	1761	888.8	12/04/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.8	—	—	3.50E-01	mg/L	—	—	10-829	CAPA-10-6381	GELC
R-21	1761	888.8	10/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.1	—	—	8.50E-02	mg/L	—	—	11-108	CAPA-10-27381	GELC
R-21	1761	888.8	08/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.08	—	—	8.50E-02	mg/L	—	—	10-4113	CAPA-10-24114	GELC
R-21	1761	888.8	06/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.04	—	—	8.50E-02	mg/L	—	—	10-3397	CAPA-10-17673	GELC
R-21	1761	888.8	03/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.12	—	—	8.50E-02	mg/L	—	—	10-2446	CAPA-10-12826	GELC
R-21	1761	888.8	12/04/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.06	—	—	8.50E-02	mg/L	—	J	10-829	CAPA-10-6380	GELC
R-21	1761	888.8	10/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.12	—	—	8.50E-02	mg/L	—	—	11-108	CAPA-10-27382	GELC
R-21	1761	888.8	08/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.32	—	—	8.50E-02	mg/L	—	—	10-4113	CAPA-10-24115	GELC
R-21	1761	888.8	06/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.31	—	—	8.50E-02	mg/L	—	—	10-3397	CAPA-10-17672	GELC
R-21	1761	888.8	03/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.09	—	—	8.50E-02	mg/L	—	—	10-2446	CAPA-10-12829	GELC
R-21	1761	888.8	12/04/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.06	—	—	8.50E-02	mg/L	—	J	10-829	CAPA-10-6381	GELC
R-21	1761	888.8	10/11/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.368	—	—	5.00E-02	mg/L	—	—	11-108	CAPA-10-27381	GELC
R-21	1761	888.8	08/11/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.34	—	—	5.00E-02	mg/L	—	—	10-4113	CAPA-10-24114	GELC
R-21	1761	888.8	06/11/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.342	—	—	5.00E-02	mg/L	—	—	10-3397	CAPA-10-17673	GELC
R-21	1761	888.8	03/12/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.337	—	—	5.00E-02	mg/L	—	—	10-2446	CAPA-10-12826	GELC
R-21	1761	888.8	12/04/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.326	—	—	5.00E-02	mg/L	—	—	10-829	CAPA-10-6380	GELC
R-21	1761	888.8	10/11/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.281	—	—	5.00E-02	ug/L	—	—	11-108	CAPA-10-27381	GELC
R-21	1761	888.8	08/11/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.302	—	—	5.00E-02	ug/L	—	—	10-4113	CAPA-10-24114	GELC
R-21	1761	888.8	06/11/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.276	—	—	5.00E-02	ug/L	—	—	10-3397	CAPA-10-17673	GELC
R-21	1761	888.8	03/12/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.281	—	—	5.00E-02	ug/L	—	—	10-2446	CAPA-10-12826	GELC
R-21	1761	888.8	12/04/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.285	—	—	5.00E-02	ug/L	—	—	10-829	CAPA-10-6380	GELC
R-21	1761	888.8	10/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.74	—	—	5.00E-02	mg/L	—	—	11-108	CAPA-10-27381	GELC
R-21	1761	888.8	08/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.72	—	—	5.00E-02	mg/L	—	—	10-4113	CAPA-10-24114	GELC
R-21	1761	888.8	06/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.6	—	—	5.00E-02	mg/L	—	—	10-3397	CAPA-10-17673	GELC
R-21	1761	888.8	03/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.73	—	—	5.00E-02	mg/L	—	—	10-2446	CAPA-10-12826	GELC
R-21	1761	888.8	12/04/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.65	—	—	5.00E-02	mg/L	—	—	10-829	CAPA-10-6380	GELC
R-21	1761	888.8	10/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.71	—	—	5.00E-02	mg/L	—	—	11-108	CAPA-10-27382	GELC
R-21	1761	888.8	08/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.82	—	—	5.00E-02	mg/L	—	—	10-4113	CAPA-10-24115	GELC
R-21	1761	888.8	06/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.76	—	—	5.00E-02	mg/L	—	—	10-3397	CAPA-10-17672	GELC
R-21	1761	888.8	03/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.71	—	—	5.00E-02	mg/L	—	—	10-2446	CAPA-10-12829	GELC
R-21	1761	888.8	12/04/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.66	—	—	5.00E-02	mg/L	—	—	10-829	CAPA-10-6381	GELC
R-21	1761	888.8	10/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.3	—	—	1.00E-01	mg/L	—	—	11-108	CAPA-10-27381	GELC
R-21	1761	888.8	08/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10	—	—	1.00E-01	mg/L	—	—	10-4113	CAPA-10-24114	GELC
R-21	1761	888.8	06/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.8	—	—	1.00E-01	mg/L	—	—	10-3397	CAPA-10-17673	GELC
R-21	1761	888.8	03/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.2	—	—	1.00E-01	mg/L	—	—	10-2446	CAPA-10-12826	GELC
R-21	1761	888.8	12/04/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	1.00E-01	mg/L	—	—	10-829	CAPA-10-6380	GELC
R-21	1761	888.8	10/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.9	—	—	1.00E-01	mg/L	—	—	11-108	CAPA-10-27382	GELC
R-21	1761	888.8	08/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	1.00E-01	mg/L	—	—	10-4113	CAPA-10-24115	GELC
R-21	1761	888.8	06/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	1.00E-01	mg/L	—	—	10-3397	CAPA-10-17672	GELC
R-21	1761	888.8	03/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.1	—	—	1.00E-01	mg/L	—	—	10-2446	CAPA-10-12829	GELC
R-21	1761	888.8	12/04/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.99	—	—	1.00E-01	mg/L	—	—	10-829	CAPA-10-6381	GELC
R-21	1761	888.8	10/11/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	123	—	—	1.00E+00	uS/cm	—	—	11-108	CAPA-10-27381	GELC
R-21	1761	888.8	08/11/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	126	—	—	1.00E+00	uS/cm	—	—	10-4113	CAPA-10-24114	GELC
R-21	1761	888.8	06/11/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	124	—	—	1.00E+00	uS/cm	—	—	10-3397	CAPA-10-17673	GELC
R-21	1761	888.8	03/12/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	122	—	—	1.00E+00	uS/cm	—	—	10-2446	CAPA-10-12826	GELC
R-21	1761	888.8	12/04/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	123	—	—	1.00E+00	uS/cm	—	—	10-829	CAPA-10-6380	GELC
R-21	1761	888.8	10/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.05	—	—	1.00E-01	mg/L	—	J	11-108	CAPA-10-27381	GELC
R-21	1761	888.8	08/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2	—	—	1.00E-01	mg/L	—	—	10-4113	CAPA-10-24114	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-21	1761	888.8	06/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.05	—	—	1.00E-01	mg/L	—	—	10-3397	CAPA-10-17673	GELC
R-21	1761	888.8	03/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.28	—	—	1.00E-01	mg/L	—	—	10-2446	CAPA-10-12826	GELC
R-21	1761	888.8	12/04/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.06	—	—	1.00E-01	mg/L	H	J-	10-829	CAPA-10-6380	GELC
R-21	1761	888.8	10/11/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	128	—	—	2.40E+00	mg/L	—	—	11-108	CAPA-10-27381	GELC
R-21	1761	888.8	08/11/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	133	—	—	2.40E+00	mg/L	—	—	10-4113	CAPA-10-24114	GELC
R-21	1761	888.8	06/11/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	133	—	—	2.40E+00	mg/L	—	J	10-3397	CAPA-10-17673	GELC
R-21	1761	888.8	03/12/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	127	—	—	2.40E+00	mg/L	—	—	10-2446	CAPA-10-12826	GELC
R-21	1761	888.8	12/04/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	136	—	—	2.40E+00	mg/L	—	—	10-829	CAPA-10-6380	GELC
R-21	1761	888.8	10/11/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.98	—	—	1.00E-02	SU	H	J-	11-108	CAPA-10-27381	GELC
R-21	1761	888.8	08/11/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.05	—	—	1.00E-02	SU	H	J-	10-4113	CAPA-10-24114	GELC
R-21	1761	888.8	06/11/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.97	—	—	1.00E-02	SU	H	J-	10-3397	CAPA-10-17673	GELC
R-21	1761	888.8	03/12/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.1	—	—	1.00E-02	SU	H	J-	10-2446	CAPA-10-12826	GELC
R-21	1761	888.8	12/04/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.07	—	—	1.00E-02	SU	H	J-	10-829	CAPA-10-6380	GELC
R-21	1761	888.8	08/11/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-4113	CAPA-10-24114	GELC
R-21	1761	888.8	06/11/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-3397	CAPA-10-17673	GELC
R-21	1761	888.8	03/12/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.77	—	—	1.50E+00	ug/L	J	J	10-2446	CAPA-10-12826	GELC
R-21	1761	888.8	12/04/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	3.63	—	—	1.50E+00	ug/L	J	J	10-829	CAPA-10-6380	GELC
R-21	1761	888.8	10/11/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	1.52	—	—	1.50E+00	ug/L	J	J	11-108	CAPA-10-27382	GELC
R-21	1761	888.8	08/11/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-4113	CAPA-10-24115	GELC
R-21	1761	888.8	06/11/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-3397	CAPA-10-17672	GELC
R-21	1761	888.8	03/12/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.34	—	—	1.50E+00	ug/L	J	J	10-2446	CAPA-10-12829	GELC
R-21	1761	888.8	12/04/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.71	—	—	1.50E+00	ug/L	J	J	10-829	CAPA-10-6381	GELC
R-21	1761	888.8	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	15.1	—	—	1.00E+00	ug/L	—	—	11-108	CAPA-10-27381	GELC
R-21	1761	888.8	08/11/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	14.3	—	—	1.00E+00	ug/L	—	—	10-4113	CAPA-10-24114	GELC
R-21	1761	888.8	06/11/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	14.3	—	—	1.00E+00	ug/L	—	—	10-3397	CAPA-10-17673	GELC
R-21	1761	888.8	03/12/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	14.4	—	—	1.00E+00	ug/L	—	—	10-2446	CAPA-10-12826	GELC
R-21	1761	888.8	12/04/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	14	—	—	1.00E+00	ug/L	—	—	10-829	CAPA-10-6380	GELC
R-21	1761	888.8	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	15	—	—	1.00E+00	ug/L	—	—	11-108	CAPA-10-27382	GELC
R-21	1761	888.8	08/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	15.3	—	—	1.00E+00	ug/L	—	—	10-4113	CAPA-10-24115	GELC
R-21	1761	888.8	06/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	15.7	—	—	1.00E+00	ug/L	—	—	10-3397	CAPA-10-17672	GELC
R-21	1761	888.8	03/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	14.4	—	—	1.00E+00	ug/L	—	—	10-2446	CAPA-10-12829	GELC
R-21	1761	888.8	12/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	14	—	—	1.00E+00	ug/L	—	—	10-829	CAPA-10-6381	GELC
R-21	1761	888.8	10/11/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.93	—	—	2.50E+00	ug/L	J	J	11-108	CAPA-10-27381	GELC
R-21	1761	888.8	08/11/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	6.45	—	—	2.50E+00	ug/L	J	J	10-4113	CAPA-10-24114	GELC
R-21	1761	888.8	06/11/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.13	—	—	2.50E+00	ug/L	J	J	10-3397	CAPA-10-17673	GELC
R-21	1761	888.8	03/12/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2446	CAPA-10-12826	GELC
R-21	1761	888.8	12/04/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	4.4	—	—	2.50E+00	ug/L	J	U	10-829	CAPA-10-6380	GELC
R-21	1761	888.8	10/11/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.04	—	—	2.50E+00	ug/L	J	J	11-108	CAPA-10-27382	GELC
R-21	1761	888.8	08/11/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.01	—	—	2.50E+00	ug/L	J	J	10-4113	CAPA-10-24115	GELC
R-21	1761	888.8	06/11/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.25	—	—	2.50E+00	ug/L	J	J	10-3397	CAPA-10-17672	GELC
R-21	1761	888.8	03/12/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2446	CAPA-10-12829	GELC
R-21	1761	888.8	12/04/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	4.68	—	—	2.50E+00	ug/L	J	U	10-829	CAPA-10-6381	GELC
R-21	1761	888.8	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.65	—	—	2.00E+00	ug/L	J	J	11-108	CAPA-10-27381	GELC
R-21	1761	888.8	08/11/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.24	—	—	2.00E+00	ug/L	J	J	10-4113	CAPA-10-24114	GELC
R-21	1761	888.8	06/11/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	4.82	—	—	2.00E+00	ug/L	J	J	10-3397	CAPA-10-17673	GELC
R-21	1761	888.8	03/12/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.27	—	—	2.00E+00	ug/L	J	J	10-2446	CAPA-10-12826	GELC
R-21	1761	888.8	12/04/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.48	—	—	2.00E+00	ug/L	J	J	10-829	CAPA-10-6380	GELC
R-21	1761	888.8	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.7	—	—	2.00E+00	ug/L	J	J	11-108	CAPA-10-27382	GELC
R-21	1761	888.8	08/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5.25	—	—	2.00E+00	ug/L	J	J	10-4113	CAPA-10-24115	GELC
R-21	1761	888.8	06/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5.33	—	—	2.00E+00	ug/L	J	J	10-3397	CAPA-10-17672	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-21	1761	888.8	03/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5.6	—	—	2.00E+00	ug/L	J	J	10-2446	CAPA-10-12829	GELC
R-21	1761	888.8	12/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5.51	—	—	2.00E+00	ug/L	J	J	10-829	CAPA-10-6381	GELC
R-21	1761	888.8	10/11/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.37	—	—	1.00E-01	ug/L	—	J	11-108	CAPA-10-27381	GELC
R-21	1761	888.8	08/11/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.47	—	—	1.00E-01	ug/L	—	—	10-4113	CAPA-10-24114	GELC
R-21	1761	888.8	06/11/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.37	—	—	1.00E-01	ug/L	—	—	10-3397	CAPA-10-17673	GELC
R-21	1761	888.8	03/12/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.26	—	—	1.00E-01	ug/L	—	—	10-2446	CAPA-10-12826	GELC
R-21	1761	888.8	12/04/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.28	—	—	1.00E-01	ug/L	—	—	10-829	CAPA-10-6380	GELC
R-21	1761	888.8	10/11/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.31	—	—	1.00E-01	ug/L	—	J	11-108	CAPA-10-27382	GELC
R-21	1761	888.8	08/11/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.48	—	—	1.00E-01	ug/L	—	—	10-4113	CAPA-10-24115	GELC
R-21	1761	888.8	06/11/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.41	—	—	1.00E-01	ug/L	—	—	10-3397	CAPA-10-17672	GELC
R-21	1761	888.8	03/12/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.28	—	—	1.00E-01	ug/L	—	—	10-2446	CAPA-10-12829	GELC
R-21	1761	888.8	12/04/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.34	—	—	1.00E-01	ug/L	—	—	10-829	CAPA-10-6381	GELC
R-21	1761	888.8	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	77.3	—	—	5.30E-02	mg/L	—	—	11-108	CAPA-10-27381	GELC
R-21	1761	888.8	08/11/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70.5	—	—	5.30E-02	mg/L	—	—	10-4113	CAPA-10-24114	GELC
R-21	1761	888.8	06/11/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	72.1	—	—	5.30E-02	mg/L	—	—	10-3397	CAPA-10-17673	GELC
R-21	1761	888.8	03/12/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.9	—	—	5.30E-02	mg/L	—	—	10-2446	CAPA-10-12826	GELC
R-21	1761	888.8	12/04/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.1	—	—	5.30E-05	mg/L	—	—	10-829	CAPA-10-6380	GELC
R-21	1761	888.8	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	48.3	—	—	1.00E+00	ug/L	—	—	11-108	CAPA-10-27381	GELC
R-21	1761	888.8	08/11/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	46.5	—	—	1.00E+00	ug/L	—	—	10-4113	CAPA-10-24114	GELC
R-21	1761	888.8	06/11/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	45.6	—	—	1.00E+00	ug/L	—	—	10-3397	CAPA-10-17673	GELC
R-21	1761	888.8	03/12/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	46.9	—	—	1.00E+00	ug/L	—	—	10-2446	CAPA-10-12826	GELC
R-21	1761	888.8	12/04/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	46.3	—	—	1.00E+00	ug/L	—	—	10-829	CAPA-10-6380	GELC
R-21	1761	888.8	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	49.2	—	—	1.00E+00	ug/L	—	—	11-108	CAPA-10-27382	GELC
R-21	1761	888.8	08/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	49.6	—	—	1.00E+00	ug/L	—	—	10-4113	CAPA-10-24115	GELC
R-21	1761	888.8	06/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	49.6	—	—	1.00E+00	ug/L	—	—	10-3397	CAPA-10-17672	GELC
R-21	1761	888.8	03/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	46.5	—	—	1.00E+00	ug/L	—	—	10-2446	CAPA-10-12829	GELC
R-21	1761	888.8	12/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	45.5	—	—	1.00E+00	ug/L	—	—	10-829	CAPA-10-6381	GELC
R-21	1761	888.8	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.38	—	—	1.00E+00	ug/L	—	—	11-108	CAPA-10-27381	GELC
R-21	1761	888.8	08/11/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.74	—	—	1.00E+00	ug/L	J	J	10-4113	CAPA-10-24114	GELC
R-21	1761	888.8	06/11/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.91	—	—	1.00E+00	ug/L	J	J	10-3397	CAPA-10-17673	GELC
R-21	1761	888.8	03/12/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.91	—	—	1.00E+00	ug/L	J	J	10-2446	CAPA-10-12826	GELC
R-21	1761	888.8	12/04/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.23	—	—	1.00E+00	ug/L	—	—	10-829	CAPA-10-6380	GELC
R-21	1761	888.8	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.59	—	—	1.00E+00	ug/L	—	—	11-108	CAPA-10-27382	GELC
R-21	1761	888.8	08/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.13	—	—	1.00E+00	ug/L	—	—	10-4113	CAPA-10-24115	GELC
R-21	1761	888.8	06/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.51	—	—	1.00E+00	ug/L	—	—	10-3397	CAPA-10-17672	GELC
R-21	1761	888.8	03/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.02	—	—	1.00E+00	ug/L	—	—	10-2446	CAPA-10-12829	GELC
R-21	1761	888.8	12/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.37	—	—	1.00E+00	ug/L	—	—	10-829	CAPA-10-6381	GELC
R-21	1761	888.8	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.96	—	—	3.30E+00	ug/L	J	J	11-108	CAPA-10-27381	GELC
R-21	1761	888.8	08/11/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-4113	CAPA-10-24114	GELC
R-21	1761	888.8	06/11/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-3397	CAPA-10-17673	GELC
R-21	1761	888.8	03/12/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	3.42	—	—	3.30E+00	ug/L	J	U	10-2446	CAPA-10-12826	GELC
R-21	1761	888.8	12/04/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-829	CAPA-10-6380	GELC
R-21	1761	888.8	08/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-4113	CAPA-10-24115	GELC
R-21	1761	888.8	06/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-3397	CAPA-10-17672	GELC
R-21	1761	888.8	03/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	3.79	—	—	3.30E+00	ug/L	J	U	10-2446	CAPA-10-12829	GELC
R-21	1761	888.8	12/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-829	CAPA-10-6381	GELC
R-23	1771	816	10/22/10	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	65.7	—	—	7.30E-01	mg/L	—	—	11-243	CAPA-10-27389	GELC
R-23	1771	816	10/22/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	66.2	—	—	7.30E-01	mg/L	—	—	11-243	CAPA-10-27385	GELC
R-23	1771	816	08/12/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	67.5	—	—	7.30E-01	mg/L	—	—	10-4141	CAPA-10-24117	GELC
R-23	1771	816	06/09/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	66.1	—	—	7.30E-01	mg/L	—	—	10-3367	CAPA-10-17738	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-23	1771	816	10/22/10	WG	F	CS	FD	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.017	—	—	1.60E-02	mg/L	J	J	11-243	CAPA-10-27389	GELC
R-23	1771	816	08/12/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	U	10-4141	CAPA-10-24117	GELC
R-23	1771	816	06/09/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.024	—	—	1.60E-02	mg/L	J	U	10-3367	CAPA-10-17738	GELC
R-23	1771	816	10/22/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	16.7	—	—	5.00E-02	mg/L	—	—	11-243	CAPA-10-27389	GELC
R-23	1771	816	10/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.9	—	—	5.00E-02	mg/L	—	—	11-243	CAPA-10-27385	GELC
R-23	1771	816	08/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16	—	—	5.00E-02	mg/L	—	—	10-4141	CAPA-10-24117	GELC
R-23	1771	816	06/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.7	—	—	5.00E-02	mg/L	—	—	10-3367	CAPA-10-17738	GELC
R-23	1771	816	10/22/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	16.9	—	—	5.00E-02	mg/L	—	—	11-243	CAPA-10-27388	GELC
R-23	1771	816	10/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.9	—	—	5.00E-02	mg/L	—	—	11-243	CAPA-10-27384	GELC
R-23	1771	816	08/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.1	—	—	5.00E-02	mg/L	—	—	10-4141	CAPA-10-24119	GELC
R-23	1771	816	06/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.2	—	—	5.00E-02	mg/L	—	—	10-3367	CAPA-10-17737	GELC
R-23	1771	816	10/22/10	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	3.6	—	—	6.60E-02	mg/L	—	—	11-243	CAPA-10-27389	GELC
R-23	1771	816	10/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.59	—	—	6.60E-02	mg/L	—	—	11-243	CAPA-10-27385	GELC
R-23	1771	816	08/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.53	—	—	6.60E-02	mg/L	—	—	10-4141	CAPA-10-24117	GELC
R-23	1771	816	06/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.44	—	—	6.60E-02	mg/L	—	J	10-3367	CAPA-10-17738	GELC
R-23	1771	816	10/22/10	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.34	—	—	3.30E-02	mg/L	—	—	11-243	CAPA-10-27389	GELC
R-23	1771	816	10/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.361	—	—	3.30E-02	mg/L	—	—	11-243	CAPA-10-27385	GELC
R-23	1771	816	08/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.364	—	—	3.30E-02	mg/L	—	—	10-4141	CAPA-10-24117	GELC
R-23	1771	816	06/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.325	—	—	3.30E-02	mg/L	—	—	10-3367	CAPA-10-17738	GELC
R-23	1771	816	10/22/10	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	58.1	—	—	3.50E-01	mg/L	—	—	11-243	CAPA-10-27389	GELC
R-23	1771	816	10/22/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	59.3	—	—	3.50E-01	mg/L	—	—	11-243	CAPA-10-27385	GELC
R-23	1771	816	08/12/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	56.5	—	—	3.50E-01	mg/L	—	—	10-4141	CAPA-10-24117	GELC
R-23	1771	816	06/09/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	58.7	—	—	3.50E-01	mg/L	—	—	10-3367	CAPA-10-17738	GELC
R-23	1771	816	10/22/10	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	59.1	—	—	3.50E-01	mg/L	—	—	11-243	CAPA-10-27388	GELC
R-23	1771	816	10/22/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	58.9	—	—	3.50E-01	mg/L	—	—	11-243	CAPA-10-27384	GELC
R-23	1771	816	08/12/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	56.9	—	—	3.50E-01	mg/L	—	—	10-4141	CAPA-10-24119	GELC
R-23	1771	816	06/09/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	56.9	—	—	3.50E-01	mg/L	—	—	10-3367	CAPA-10-17737	GELC
R-23	1771	816	10/22/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	3.99	—	—	8.50E-02	mg/L	—	—	11-243	CAPA-10-27389	GELC
R-23	1771	816	10/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.13	—	—	8.50E-02	mg/L	—	—	11-243	CAPA-10-27385	GELC
R-23	1771	816	08/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.02	—	—	8.50E-02	mg/L	—	—	10-4141	CAPA-10-24117	GELC
R-23	1771	816	06/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.15	—	—	8.50E-02	mg/L	—	—	10-3367	CAPA-10-17738	GELC
R-23	1771	816	10/22/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	4.11	—	—	8.50E-02	mg/L	—	—	11-243	CAPA-10-27388	GELC
R-23	1771	816	10/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.06	—	—	8.50E-02	mg/L	—	—	11-243	CAPA-10-27384	GELC
R-23	1771	816	08/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.06	—	—	8.50E-02	mg/L	—	—	10-4141	CAPA-10-24119	GELC
R-23	1771	816	06/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.02	—	—	8.50E-02	mg/L	—	—	10-3367	CAPA-10-17737	GELC
R-23	1771	816	10/22/10	WG	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.25	—	—	5.00E-02	mg/L	—	J	11-243	CAPA-10-27389	GELC
R-23	1771	816	10/22/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.37	—	—	5.00E-02	mg/L	—	J	11-243	CAPA-10-27385	GELC
R-23	1771	816	08/12/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.18	—	—	5.00E-02	mg/L	—	J+	10-4141	CAPA-10-24117	GELC
R-23	1771	816	06/09/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.16	—	—	5.00E-02	mg/L	—	—	10-3367	CAPA-10-17738	GELC
R-23	1771	816	10/22/10	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.449	—	—	5.00E-02	ug/L	—	—	11-243	CAPA-10-27389	GELC
R-23	1771	816	10/22/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.44	—	—	5.00E-02	ug/L	—	—	11-243	CAPA-10-27385	GELC
R-23	1771	816	08/12/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.488	—	—	5.00E-02	ug/L	—	—	10-4141	CAPA-10-24117	GELC
R-23	1771	816	06/09/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.494	—	—	5.00E-02	ug/L	—	—	10-3367	CAPA-10-17738	GELC
R-23	1771	816	10/22/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	1.74	—	—	5.00E-02	mg/L	—	—	11-243	CAPA-10-27389	GELC
R-23	1771	816	10/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.81	—	—	5.00E-02	mg/L	—	—	11-243	CAPA-10-27385	GELC
R-23	1771	816	08/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.83	—	—	5.00E-02	mg/L	—	—	10-4141	CAPA-10-24117	GELC
R-23	1771	816	06/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.93	—	—	5.00E-02	mg/L	—	—	10-3367	CAPA-10-17738	GELC
R-23	1771	816	10/22/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	1.78	—	—	5.00E-02	mg/L	—	—	11-243	CAPA-10-27388	GELC
R-23	1771	816	10/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.78	—	—	5.00E-02	mg/L	—	—	11-243	CAPA-10-27384	GELC
R-23	1771	816	08/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.86	—	—	5.00E-02	mg/L	—	—	10-4141	CAPA-10-24119	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-23	1771	816	06/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.82	—	—	5.00E-02	mg/L	—	—	10-3367	CAPA-10-17737	GELC
R-23	1771	816	10/22/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	1.00E-01	mg/L	—	—	11-243	CAPA-10-27389	GELC
R-23	1771	816	10/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.2	—	—	1.00E-01	mg/L	—	—	11-243	CAPA-10-27385	GELC
R-23	1771	816	08/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	1.00E-01	mg/L	—	—	10-4141	CAPA-10-24117	GELC
R-23	1771	816	06/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	1.00E-01	mg/L	—	—	10-3367	CAPA-10-17738	GELC
R-23	1771	816	10/22/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	1.00E-01	mg/L	—	—	11-243	CAPA-10-27388	GELC
R-23	1771	816	10/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	1.00E-01	mg/L	—	—	11-243	CAPA-10-27384	GELC
R-23	1771	816	08/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	1.00E-01	mg/L	—	—	10-4141	CAPA-10-24119	GELC
R-23	1771	816	06/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.2	—	—	1.00E-01	mg/L	—	—	10-3367	CAPA-10-17737	GELC
R-23	1771	816	10/22/10	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	165	—	—	1.00E+00	uS/cm	—	—	11-243	CAPA-10-27389	GELC
R-23	1771	816	10/22/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	174	—	—	1.00E+00	uS/cm	—	—	11-243	CAPA-10-27385	GELC
R-23	1771	816	08/12/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	168	—	—	1.00E+00	uS/cm	—	—	10-4141	CAPA-10-24117	GELC
R-23	1771	816	06/09/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	176	—	—	1.00E+00	uS/cm	—	—	10-3367	CAPA-10-17738	GELC
R-23	1771	816	10/22/10	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	5.28	—	—	1.00E-01	mg/L	—	—	11-243	CAPA-10-27389	GELC
R-23	1771	816	10/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.29	—	—	1.00E-01	mg/L	—	—	11-243	CAPA-10-27385	GELC
R-23	1771	816	08/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.2	—	—	1.00E-01	mg/L	—	—	10-4141	CAPA-10-24117	GELC
R-23	1771	816	06/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.26	—	—	1.00E-01	mg/L	—	—	10-3367	CAPA-10-17738	GELC
R-23	1771	816	10/22/10	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	144	—	—	2.40E+00	mg/L	—	—	11-243	CAPA-10-27389	GELC
R-23	1771	816	10/22/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	141	—	—	2.40E+00	mg/L	—	—	11-243	CAPA-10-27385	GELC
R-23	1771	816	08/12/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	150	—	—	2.40E+00	mg/L	—	—	10-4141	CAPA-10-24117	GELC
R-23	1771	816	06/09/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	152	—	—	2.40E+00	mg/L	—	—	10-3367	CAPA-10-17738	GELC
R-23	1771	816	10/22/10	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	8.03	—	—	1.00E-02	SU	H	J-	11-243	CAPA-10-27389	GELC
R-23	1771	816	10/22/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.05	—	—	1.00E-02	SU	H	J-	11-243	CAPA-10-27385	GELC
R-23	1771	816	08/12/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.01	—	—	1.00E-02	SU	H	J-	10-4141	CAPA-10-24117	GELC
R-23	1771	816	06/09/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.12	—	—	1.00E-02	SU	H	J-	10-3367	CAPA-10-17738	GELC
R-23	1771	816	10/22/10	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	21.6	—	—	1.00E+00	ug/L	—	—	11-243	CAPA-10-27389	GELC
R-23	1771	816	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	22.1	—	—	1.00E+00	ug/L	—	—	11-243	CAPA-10-27385	GELC
R-23	1771	816	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	20	—	—	1.00E+00	ug/L	—	—	10-4141	CAPA-10-24117	GELC
R-23	1771	816	06/09/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	21.2	—	—	1.00E+00	ug/L	—	—	10-3367	CAPA-10-17738	GELC
R-23	1771	816	10/22/10	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	22.5	—	—	1.00E+00	ug/L	—	—	11-243	CAPA-10-27388	GELC
R-23	1771	816	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	22.7	—	—	1.00E+00	ug/L	—	—	11-243	CAPA-10-27384	GELC
R-23	1771	816	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	20.7	—	—	1.00E+00	ug/L	—	—	10-4141	CAPA-10-24119	GELC
R-23	1771	816	06/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	21.7	—	—	1.00E+00	ug/L	—	—	10-3367	CAPA-10-17737	GELC
R-23	1771	816	10/22/10	WG	F	CS	FD	Metals	SW-846:6010B	Boron	—	15.6	—	—	1.50E+01	ug/L	J	J	11-243	CAPA-10-27389	GELC
R-23	1771	816	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	16.4	—	—	1.50E+01	ug/L	J	J	11-243	CAPA-10-27385	GELC
R-23	1771	816	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-4141	CAPA-10-24117	GELC
R-23	1771	816	06/09/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-3367	CAPA-10-17738	GELC
R-23	1771	816	10/22/10	WG	UF	CS	FD	Metals	SW-846:6010B	Boron	—	15.6	—	—	1.50E+01	ug/L	J	J	11-243	CAPA-10-27388	GELC
R-23	1771	816	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.1	—	—	1.50E+01	ug/L	J	J	11-243	CAPA-10-27384	GELC
R-23	1771	816	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-4141	CAPA-10-24119	GELC
R-23	1771	816	06/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-3367	CAPA-10-17737	GELC
R-23	1771	816	10/22/10	WG	F	CS	FD	Metals	SW-846:6020	Chromium	—	3.48	—	—	2.50E+00	ug/L	J	J	11-243	CAPA-10-27389	GELC
R-23	1771	816	10/22/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.84	—	—	2.50E+00	ug/L	J	J	11-243	CAPA-10-27385	GELC
R-23	1771	816	08/12/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.88	—	—	2.50E+00	ug/L	J	J	10-4141	CAPA-10-24117	GELC
R-23	1771	816	06/09/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.11	—	—	2.50E+00	ug/L	J	J	10-3367	CAPA-10-17738	GELC
R-23	1771	816	10/22/10	WG	UF	CS	FD	Metals	SW-846:6020	Chromium	—	3.61	—	—	2.50E+00	ug/L	J	J	11-243	CAPA-10-27388	GELC
R-23	1771	816	10/22/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.26	—	—	2.50E+00	ug/L	J	J	11-243	CAPA-10-27384	GELC
R-23	1771	816	08/12/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.25	—	—	2.50E+00	ug/L	J	J	10-4141	CAPA-10-24119	GELC
R-23	1771	816	06/09/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	7.36	—	—	2.50E+00	ug/L	J	J	10-3367	CAPA-10-17737	GELC
R-23	1771	816	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-4141	CAPA-10-24117	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-23	1771	816	06/09/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-3367	CAPA-10-17738	GELC
R-23	1771	816	10/22/10	WG	UF	CS	FD	Metals	SW-846:6010B	Iron	—	40.5	—	—	3.00E+01	ug/L	J	J	11-243	CAPA-10-27388	GELC
R-23	1771	816	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-4141	CAPA-10-24119	GELC
R-23	1771	816	06/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	63.5	—	—	3.00E+01	ug/L	J	J	10-3367	CAPA-10-17737	GELC
R-23	1771	816	08/12/10	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	10-4141	CAPA-10-24117	GELC
R-23	1771	816	06/09/10	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	10-3367	CAPA-10-17738	GELC
R-23	1771	816	10/22/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.585	—	—	5.00E-01	ug/L	J	J	11-243	CAPA-10-27384	GELC
R-23	1771	816	08/12/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	10-4141	CAPA-10-24119	GELC
R-23	1771	816	06/09/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	10-3367	CAPA-10-17737	GELC
R-23	1771	816	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-4141	CAPA-10-24117	GELC
R-23	1771	816	06/09/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-3367	CAPA-10-17738	GELC
R-23	1771	816	10/22/10	WG	UF	CS	FD	Metals	SW-846:6010B	Manganese	—	21.8	—	—	2.00E+00	ug/L	—	—	11-243	CAPA-10-27388	GELC
R-23	1771	816	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	23.1	—	—	2.00E+00	ug/L	—	—	11-243	CAPA-10-27384	GELC
R-23	1771	816	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	16.6	—	—	2.00E+00	ug/L	—	—	10-4141	CAPA-10-24119	GELC
R-23	1771	816	06/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	36	—	—	2.00E+00	ug/L	—	—	10-3367	CAPA-10-17737	GELC
R-23	1771	816	10/22/10	WG	F	CS	FD	Metals	SW-846:6020	Molybdenum	—	1.99	—	—	1.00E-01	ug/L	—	J	11-243	CAPA-10-27389	GELC
R-23	1771	816	10/22/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.12	—	—	1.00E-01	ug/L	—	J	11-243	CAPA-10-27385	GELC
R-23	1771	816	08/12/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.89	—	—	1.00E-01	ug/L	—	—	10-4141	CAPA-10-24117	GELC
R-23	1771	816	06/09/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.54	—	—	1.00E-01	ug/L	—	—	10-3367	CAPA-10-17738	GELC
R-23	1771	816	10/22/10	WG	UF	CS	FD	Metals	SW-846:6020	Molybdenum	—	2.07	—	—	1.00E-01	ug/L	—	J	11-243	CAPA-10-27388	GELC
R-23	1771	816	10/22/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.09	—	—	1.00E-01	ug/L	—	J	11-243	CAPA-10-27384	GELC
R-23	1771	816	08/12/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.85	—	—	1.00E-01	ug/L	—	—	10-4141	CAPA-10-24119	GELC
R-23	1771	816	06/09/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.55	—	—	1.00E-01	ug/L	—	—	10-3367	CAPA-10-17737	GELC
R-23	1771	816	10/22/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	8.79	—	—	5.00E-01	ug/L	—	—	11-243	CAPA-10-27385	GELC
R-23	1771	816	08/12/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	10-4141	CAPA-10-24117	GELC
R-23	1771	816	06/09/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	10-3367	CAPA-10-17738	GELC
R-23	1771	816	08/12/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.635	—	—	5.00E-01	ug/L	J	J	10-4141	CAPA-10-24119	GELC
R-23	1771	816	06/09/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.33	—	—	5.00E-01	ug/L	—	—	10-3367	CAPA-10-17737	GELC
R-23	1771	816	10/22/10	WG	F	CS	FD	Metals	SW-846:6020	Selenium	—	1.27	—	—	1.00E+00	ug/L	J	J	11-243	CAPA-10-27389	GELC
R-23	1771	816	10/22/10	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	1.16	—	—	1.00E+00	ug/L	J	J	11-243	CAPA-10-27385	GELC
R-23	1771	816	08/12/10	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	10-4141	CAPA-10-24117	GELC
R-23	1771	816	06/09/10	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	10-3367	CAPA-10-17738	GELC
R-23	1771	816	10/22/10	WG	UF	CS	FD	Metals	SW-846:6020	Selenium	—	1.03	—	—	1.00E+00	ug/L	J	J	11-243	CAPA-10-27388	GELC
R-23	1771	816	08/12/10	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	10-4141	CAPA-10-24119	GELC
R-23	1771	816	06/09/10	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	10-3367	CAPA-10-17737	GELC
R-23	1771	816	10/22/10	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	63.2	—	—	5.30E-02	mg/L	—	—	11-243	CAPA-10-27389	GELC
R-23	1771	816	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64.8	—	—	5.30E-02	mg/L	—	—	11-243	CAPA-10-27385	GELC
R-23	1771	816	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	60.4	—	—	5.30E-02	mg/L	—	—	10-4141	CAPA-10-24117	GELC
R-23	1771	816	06/09/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	66.8	—	—	5.30E-02	mg/L	—	—	10-3367	CAPA-10-17738	GELC
R-23	1771	816	10/22/10	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	80.7	—	—	1.00E+00	ug/L	—	—	11-243	CAPA-10-27389	GELC
R-23	1771	816	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	84.1	—	—	1.00E+00	ug/L	—	—	11-243	CAPA-10-27385	GELC
R-23	1771	816	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	79.5	—	—	1.00E+00	ug/L	—	—	10-4141	CAPA-10-24117	GELC
R-23	1771	816	06/09/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	84.2	—	—	1.00E+00	ug/L	—	—	10-3367	CAPA-10-17738	GELC
R-23	1771	816	10/22/10	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	83.8	—	—	1.00E+00	ug/L	—	—	11-243	CAPA-10-27388	GELC
R-23	1771	816	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	82	—	—	1.00E+00	ug/L	—	—	11-243	CAPA-10-27384	GELC
R-23	1771	816	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	80.3	—	—	1.00E+00	ug/L	—	—	10-4141	CAPA-10-24119	GELC
R-23	1771	816	06/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	81.5	—	—	1.00E+00	ug/L	—	—	10-3367	CAPA-10-17737	GELC
R-23	1771	816	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-4141	CAPA-10-24117	GELC
R-23	1771	816	06/09/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-3367	CAPA-10-17738	GELC
R-23	1771	816	10/22/10	WG	UF	CS	FD	Metals	SW-846:6010B	Tin	—	3.56	—	—	2.50E+00	ug/L	J	J	11-243	CAPA-10-27388	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-23	1771	816	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	—	3.02	—	—	2.50E+00	ug/L	J	J	11-243	CAPA-10-27384	GELC
R-23	1771	816	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-4141	CAPA-10-24119	GELC
R-23	1771	816	06/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-3367	CAPA-10-17737	GELC
R-23	1771	816	10/22/10	WG	F	CS	FD	Metals	SW-846:6020	Uranium	—	0.465	—	—	5.00E-02	ug/L	—	—	11-243	CAPA-10-27389	GELC
R-23	1771	816	10/22/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.473	—	—	5.00E-02	ug/L	—	—	11-243	CAPA-10-27385	GELC
R-23	1771	816	08/12/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.511	—	—	5.00E-02	ug/L	—	—	10-4141	CAPA-10-24117	GELC
R-23	1771	816	06/09/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.443	—	—	5.00E-02	ug/L	—	—	10-3367	CAPA-10-17738	GELC
R-23	1771	816	10/22/10	WG	UF	CS	FD	Metals	SW-846:6020	Uranium	—	0.474	—	—	5.00E-02	ug/L	—	—	11-243	CAPA-10-27388	GELC
R-23	1771	816	10/22/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.45	—	—	5.00E-02	ug/L	—	—	11-243	CAPA-10-27384	GELC
R-23	1771	816	08/12/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.5	—	—	5.00E-02	ug/L	—	—	10-4141	CAPA-10-24119	GELC
R-23	1771	816	06/09/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.448	—	—	5.00E-02	ug/L	—	—	10-3367	CAPA-10-17737	GELC
R-23	1771	816	10/22/10	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	6.6	—	—	1.00E+00	ug/L	—	—	11-243	CAPA-10-27389	GELC
R-23	1771	816	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.78	—	—	1.00E+00	ug/L	—	—	11-243	CAPA-10-27385	GELC
R-23	1771	816	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.13	—	—	1.00E+00	ug/L	—	—	10-4141	CAPA-10-24117	GELC
R-23	1771	816	06/09/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.45	—	—	1.00E+00	ug/L	—	—	10-3367	CAPA-10-17738	GELC
R-23	1771	816	10/22/10	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	6.55	—	—	1.00E+00	ug/L	—	—	11-243	CAPA-10-27388	GELC
R-23	1771	816	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.7	—	—	1.00E+00	ug/L	—	—	11-243	CAPA-10-27384	GELC
R-23	1771	816	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.32	—	—	1.00E+00	ug/L	—	—	10-4141	CAPA-10-24119	GELC
R-23	1771	816	06/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.02	—	—	1.00E+00	ug/L	—	—	10-3367	CAPA-10-17737	GELC
R-23i	7001	400.3	10/21/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	94	—	—	7.30E-01	mg/L	—	—	11-237	CAPA-10-26932	GELC
R-23i	7001	400.3	08/09/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	90.5	—	—	7.30E-01	mg/L	—	—	10-4078	CAPA-10-24088	GELC
R-23i	7001	400.3	06/15/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	90.1	—	—	7.30E-01	mg/L	—	—	10-3424	CAPA-10-17582	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	87.4	—	—	7.30E-01	mg/L	—	—	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	80.9	—	—	7.30E-01	mg/L	—	—	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	10/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	27	—	—	5.00E-02	mg/L	—	—	11-237	CAPA-10-26932	GELC
R-23i	7001	400.3	08/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.7	—	—	5.00E-02	mg/L	—	—	10-4078	CAPA-10-24088	GELC
R-23i	7001	400.3	06/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.2	—	—	5.00E-02	mg/L	—	—	10-3424	CAPA-10-17582	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.6	—	—	5.00E-02	mg/L	—	—	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.2	—	—	5.00E-02	mg/L	—	—	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	10/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	27.2	—	—	5.00E-02	mg/L	—	—	11-237	CAPA-10-26931	GELC
R-23i	7001	400.3	08/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.3	—	—	5.00E-02	mg/L	—	—	10-4078	CAPA-10-24089	GELC
R-23i	7001	400.3	06/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.4	—	—	5.00E-02	mg/L	—	—	10-3424	CAPA-10-17584	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.3	—	—	5.00E-02	mg/L	—	—	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.7	—	—	5.00E-02	mg/L	—	—	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	10/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.4	—	—	6.60E-02	mg/L	—	—	11-237	CAPA-10-26932	GELC
R-23i	7001	400.3	08/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.4	—	—	1.30E-01	mg/L	—	—	10-4078	CAPA-10-24088	GELC
R-23i	7001	400.3	06/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	21.1	—	—	6.60E-02	mg/L	—	—	10-3424	CAPA-10-17582	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	22.3	—	—	3.30E-01	mg/L	—	—	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	26.3	—	—	3.30E-01	mg/L	—	—	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	10/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.188	—	—	3.30E-02	mg/L	—	—	11-237	CAPA-10-26932	GELC
R-23i	7001	400.3	08/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.201	—	—	3.30E-02	mg/L	—	—	10-4078	CAPA-10-24088	GELC
R-23i	7001	400.3	06/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.194	—	—	3.30E-02	mg/L	—	—	10-3424	CAPA-10-17582	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.189	—	—	3.30E-02	mg/L	—	—	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.372	—	—	3.30E-02	mg/L	—	—	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	10/21/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	107	—	—	3.50E-01	mg/L	—	—	11-237	CAPA-10-26932	GELC
R-23i	7001	400.3	08/09/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	103	—	—	3.50E-01	mg/L	—	—	10-4078	CAPA-10-24088	GELC
R-23i	7001	400.3	06/15/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	104	—	—	3.50E-01	mg/L	—	—	10-3424	CAPA-10-17582	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	107	—	—	3.50E-01	mg/L	—	—	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	105	—	—	3.50E-01	mg/L	—	—	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	10/21/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	108	—	—	3.50E-01	mg/L	—	—	11-237	CAPA-10-26931	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-23i	7001	400.3	08/09/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	105	—	—	3.50E-01	mg/L	—	—	10-4078	CAPA-10-24089	GELC
R-23i	7001	400.3	06/15/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	106	—	—	3.50E-01	mg/L	—	—	10-3424	CAPA-10-17584	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	105	—	—	3.50E-01	mg/L	—	—	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	103	—	—	3.50E-01	mg/L	—	—	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	10/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.47	—	—	8.50E-02	mg/L	—	—	11-237	CAPA-10-26932	GELC
R-23i	7001	400.3	08/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.33	—	—	8.50E-02	mg/L	—	—	10-4078	CAPA-10-24088	GELC
R-23i	7001	400.3	06/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.37	—	—	8.50E-02	mg/L	—	—	10-3424	CAPA-10-17582	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.75	—	—	8.50E-02	mg/L	—	—	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.53	—	—	8.50E-02	mg/L	—	—	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	10/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.66	—	—	8.50E-02	mg/L	—	—	11-237	CAPA-10-26931	GELC
R-23i	7001	400.3	08/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.55	—	—	8.50E-02	mg/L	—	—	10-4078	CAPA-10-24089	GELC
R-23i	7001	400.3	06/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.61	—	—	8.50E-02	mg/L	—	—	10-3424	CAPA-10-17584	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.63	—	—	8.50E-02	mg/L	—	—	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.47	—	—	8.50E-02	mg/L	—	—	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	10/21/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.56	—	—	5.00E-02	mg/L	—	J	11-237	CAPA-10-26932	GELC
R-23i	7001	400.3	08/09/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.455	—	—	5.00E-02	mg/L	—	—	10-4078	CAPA-10-24088	GELC
R-23i	7001	400.3	06/15/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.489	—	—	5.00E-02	mg/L	—	J+	10-3424	CAPA-10-17582	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.383	—	—	5.00E-02	mg/L	—	—	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.331	—	—	5.00E-02	mg/L	—	J	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	10/21/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.275	—	—	5.00E-02	ug/L	—	—	11-237	CAPA-10-26932	GELC
R-23i	7001	400.3	08/09/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.29	—	—	5.00E-02	ug/L	—	—	10-4078	CAPA-10-24088	GELC
R-23i	7001	400.3	06/15/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.291	—	—	5.00E-02	ug/L	—	—	10-3424	CAPA-10-17582	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.249	—	—	5.00E-02	ug/L	—	—	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.223	—	—	5.00E-02	ug/L	—	—	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	10/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.78	—	—	5.00E-02	mg/L	—	—	11-237	CAPA-10-26932	GELC
R-23i	7001	400.3	08/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.69	—	—	5.00E-02	mg/L	—	—	10-4078	CAPA-10-24088	GELC
R-23i	7001	400.3	06/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.52	—	—	5.00E-02	mg/L	—	—	10-3424	CAPA-10-17582	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.67	—	—	5.00E-02	mg/L	—	—	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.59	—	—	5.00E-02	mg/L	—	—	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	10/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.77	—	—	5.00E-02	mg/L	—	—	11-237	CAPA-10-26931	GELC
R-23i	7001	400.3	08/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.69	—	—	5.00E-02	mg/L	—	—	10-4078	CAPA-10-24089	GELC
R-23i	7001	400.3	06/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.53	—	—	5.00E-02	mg/L	—	—	10-3424	CAPA-10-17584	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.66	—	—	5.00E-02	mg/L	—	—	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.73	—	—	5.00E-02	mg/L	—	—	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	10/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.7	—	—	1.00E-01	mg/L	—	—	11-237	CAPA-10-26932	GELC
R-23i	7001	400.3	08/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.3	—	—	1.00E-01	mg/L	—	—	10-4078	CAPA-10-24088	GELC
R-23i	7001	400.3	06/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.3	—	—	1.00E-01	mg/L	—	—	10-3424	CAPA-10-17582	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.7	—	—	1.00E-01	mg/L	—	—	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16	—	—	1.00E-01	mg/L	—	—	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	10/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.2	—	—	1.00E-01	mg/L	—	—	11-237	CAPA-10-26931	GELC
R-23i	7001	400.3	08/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.3	—	—	1.00E-01	mg/L	—	—	10-4078	CAPA-10-24089	GELC
R-23i	7001	400.3	06/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.2	—	—	1.00E-01	mg/L	—	—	10-3424	CAPA-10-17584	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.1	—	—	1.00E-01	mg/L	—	—	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.4	—	—	1.00E-01	mg/L	—	—	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	10/21/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	289	—	—	1.00E+00	uS/cm	—	—	11-237	CAPA-10-26932	GELC
R-23i	7001	400.3	08/09/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	277	—	—	1.00E+00	uS/cm	—	—	10-4078	CAPA-10-24088	GELC
R-23i	7001	400.3	06/15/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	279	—	—	1.00E+00	uS/cm	—	—	10-3424	CAPA-10-17582	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	290	—	—	1.00E+00	uS/cm	—	—	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	278	—	—	1.00E+00	uS/cm	—	—	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	10/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12.7	—	—	1.00E-01	mg/L	—	—	11-237	CAPA-10-26932	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-23i	7001	400.3	08/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12	—	—	1.00E-01	mg/L	—	—	10-4078	CAPA-10-24088	GELC
R-23i	7001	400.3	06/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12	—	—	1.00E-01	mg/L	—	—	10-3424	CAPA-10-17582	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	11.9	—	—	1.00E-01	mg/L	—	—	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12	—	—	1.00E-01	mg/L	—	—	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	10/21/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	195	—	—	2.40E+00	mg/L	—	—	11-237	CAPA-10-26932	GELC
R-23i	7001	400.3	08/09/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	199	—	—	2.40E+00	mg/L	—	J	10-4078	CAPA-10-24088	GELC
R-23i	7001	400.3	06/15/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	205	—	—	2.40E+00	mg/L	—	J	10-3424	CAPA-10-17582	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	196	—	—	2.40E+00	mg/L	—	—	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	209	—	—	2.40E+00	mg/L	—	—	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	10/21/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.7	—	—	3.30E-01	mg/L	J	J	11-237	CAPA-10-26931	GELC
R-23i	7001	400.3	08/09/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.745	—	—	3.30E-01	mg/L	J	J	10-4078	CAPA-10-24089	GELC
R-23i	7001	400.3	06/15/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.489	—	—	3.30E-01	mg/L	J	J	10-3423	CAPA-10-17584	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.1	—	—	3.30E-01	mg/L	—	—	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.758	—	—	3.30E-01	mg/L	J	J	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	10/21/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.01	—	—	1.00E-02	SU	H	J-	11-237	CAPA-10-26932	GELC
R-23i	7001	400.3	08/09/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.83	—	—	1.00E-02	SU	H	J-	10-4078	CAPA-10-24088	GELC
R-23i	7001	400.3	06/15/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.84	—	—	1.00E-02	SU	H	J-	10-3424	CAPA-10-17582	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.78	—	—	1.00E-02	SU	H	J-	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.69	—	—	1.00E-02	SU	H	J-	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	08/09/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-4078	CAPA-10-24088	GELC
R-23i	7001	400.3	06/15/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-3424	CAPA-10-17582	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	UN	UJ	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	93.9	—	—	6.80E+01	ug/L	J	J	11-237	CAPA-10-26931	GELC
R-23i	7001	400.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-4078	CAPA-10-24089	GELC
R-23i	7001	400.3	06/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-3424	CAPA-10-17584	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	552	—	—	6.80E+01	ug/L	—	—	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1050	—	—	6.80E+01	ug/L	N	J+	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	54.2	—	—	1.00E+00	ug/L	—	—	11-237	CAPA-10-26932	GELC
R-23i	7001	400.3	08/09/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	50.8	—	—	1.00E+00	ug/L	—	—	10-4078	CAPA-10-24088	GELC
R-23i	7001	400.3	06/15/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	49.8	—	—	1.00E+00	ug/L	—	—	10-3424	CAPA-10-17582	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	51.8	—	—	1.00E+00	ug/L	—	—	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	49.8	—	—	1.00E+00	ug/L	—	—	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	56	—	—	1.00E+00	ug/L	—	—	11-237	CAPA-10-26931	GELC
R-23i	7001	400.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	52.3	—	—	1.00E+00	ug/L	—	—	10-4078	CAPA-10-24089	GELC
R-23i	7001	400.3	06/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	52	—	—	1.00E+00	ug/L	—	—	10-3424	CAPA-10-17584	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	56.6	—	—	1.00E+00	ug/L	—	—	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	57	—	—	1.00E+00	ug/L	—	—	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	16.8	—	—	1.50E+01	ug/L	J	J	11-237	CAPA-10-26932	GELC
R-23i	7001	400.3	08/09/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-4078	CAPA-10-24088	GELC
R-23i	7001	400.3	06/15/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	16.2	—	—	1.50E+01	ug/L	J	J	10-3424	CAPA-10-17582	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.4	—	—	1.50E+01	ug/L	J	J	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.9	—	—	1.50E+01	ug/L	J	J	11-237	CAPA-10-26931	GELC
R-23i	7001	400.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-4078	CAPA-10-24089	GELC
R-23i	7001	400.3	06/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.9	—	—	1.50E+01	ug/L	J	J	10-3424	CAPA-10-17584	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.6	—	—	1.50E+01	ug/L	J	J	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.8	—	—	1.50E+01	ug/L	J	J	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	08/09/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-4078	CAPA-10-24088	GELC
R-23i	7001	400.3	06/15/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-3424	CAPA-10-17582	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	137	—	—	3.00E+01	ug/L	—	—	11-237	CAPA-10-26931	GELC
R-23i	7001	400.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	74.1	—	—	3.00E+01	ug/L	J	J	10-4078	CAPA-10-24089	GELC
R-23i	7001	400.3	06/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	118	—	—	3.00E+01	ug/L	—	—	10-3424	CAPA-10-17584	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	615	—	—	3.00E+01	ug/L	—	—	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1090	—	—	3.00E+01	ug/L	—	—	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	08/09/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-4078	CAPA-10-24088	GELC
R-23i	7001	400.3	06/15/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-3424	CAPA-10-17582	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	10.3	—	—	2.00E+00	ug/L	—	—	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	9.83	—	—	2.00E+00	ug/L	J	J	11-237	CAPA-10-26931	GELC
R-23i	7001	400.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	7.96	—	—	2.00E+00	ug/L	J	J	10-4078	CAPA-10-24089	GELC
R-23i	7001	400.3	06/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	11.1	—	—	2.00E+00	ug/L	—	—	10-3424	CAPA-10-17584	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	47.3	—	—	2.00E+00	ug/L	—	—	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	77.4	—	—	2.00E+00	ug/L	—	—	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	10/21/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.644	—	—	5.00E-01	ug/L	J	J	11-237	CAPA-10-26932	GELC
R-23i	7001	400.3	08/09/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.847	—	—	5.00E-01	ug/L	J	J	10-4078	CAPA-10-24088	GELC
R-23i	7001	400.3	06/15/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.605	—	—	5.00E-01	ug/L	J	J	10-3424	CAPA-10-17582	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.901	—	—	5.00E-01	ug/L	J	J	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.29	—	—	5.00E-01	ug/L	J	J	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	10/21/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.782	—	—	5.00E-01	ug/L	J	J	11-237	CAPA-10-26931	GELC
R-23i	7001	400.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.795	—	—	5.00E-01	ug/L	J	J	10-4078	CAPA-10-24089	GELC
R-23i	7001	400.3	06/15/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.791	—	—	5.00E-01	ug/L	J	J	10-3424	CAPA-10-17584	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.66	—	—	5.00E-01	ug/L	J	J	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	5.18	—	—	5.00E-01	ug/L	—	—	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	51.9	—	—	5.30E-02	mg/L	—	—	11-237	CAPA-10-26932	GELC
R-23i	7001	400.3	08/09/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	50.6	—	—	5.30E-02	mg/L	—	—	10-4078	CAPA-10-24088	GELC
R-23i	7001	400.3	06/15/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	51.7	—	—	5.30E-02	mg/L	—	—	10-3424	CAPA-10-17582	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	54.4	—	—	5.30E-02	mg/L	—	—	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	53.2	—	—	5.30E-02	mg/L	—	—	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	168	—	—	1.00E+00	ug/L	—	—	11-237	CAPA-10-26932	GELC
R-23i	7001	400.3	08/09/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	155	—	—	1.00E+00	ug/L	—	—	10-4078	CAPA-10-24088	GELC
R-23i	7001	400.3	06/15/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	157	—	—	1.00E+00	ug/L	—	—	10-3424	CAPA-10-17582	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	158	—	—	1.00E+00	ug/L	—	—	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	155	—	—	1.00E+00	ug/L	—	—	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	167	—	—	1.00E+00	ug/L	—	—	11-237	CAPA-10-26931	GELC
R-23i	7001	400.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	157	—	—	1.00E+00	ug/L	—	—	10-4078	CAPA-10-24089	GELC
R-23i	7001	400.3	06/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	157	—	—	1.00E+00	ug/L	—	—	10-3424	CAPA-10-17584	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	156	—	—	1.00E+00	ug/L	—	—	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	151	—	—	1.00E+00	ug/L	—	—	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	—	4.03	—	—	2.50E+00	ug/L	J	J	11-237	CAPA-10-26932	GELC
R-23i	7001	400.3	08/09/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-4078	CAPA-10-24088	GELC
R-23i	7001	400.3	06/15/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-3424	CAPA-10-17582	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	—	4.22	—	—	2.50E+00	ug/L	J	J	11-237	CAPA-10-26931	GELC
R-23i	7001	400.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-4078	CAPA-10-24089	GELC
R-23i	7001	400.3	06/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-3424	CAPA-10-17584	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-2402	CAPA-10-12894	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	10/21/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.682	—	—	5.00E-02	ug/L	—	—	11-237	CAPA-10-26932	GELC
R-23i	7001	400.3	08/09/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.781	—	—	5.00E-02	ug/L	—	—	10-4078	CAPA-10-24088	GELC
R-23i	7001	400.3	06/15/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.863	—	—	5.00E-02	ug/L	—	—	10-3424	CAPA-10-17582	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.673	—	—	5.00E-02	ug/L	—	U	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.614	—	—	5.00E-02	ug/L	—	—	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	10/21/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.743	—	—	5.00E-02	ug/L	—	—	11-237	CAPA-10-26931	GELC
R-23i	7001	400.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.779	—	—	5.00E-02	ug/L	—	—	10-4078	CAPA-10-24089	GELC
R-23i	7001	400.3	06/15/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.925	—	—	5.00E-02	ug/L	—	—	10-3424	CAPA-10-17584	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.89	—	—	5.00E-02	ug/L	—	J	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.785	—	—	5.00E-02	ug/L	—	—	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.67	—	—	1.00E+00	ug/L	J	J	11-237	CAPA-10-26932	GELC
R-23i	7001	400.3	08/09/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.83	—	—	1.00E+00	ug/L	J	J	10-4078	CAPA-10-24088	GELC
R-23i	7001	400.3	06/15/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.11	—	—	1.00E+00	ug/L	J	J	10-3424	CAPA-10-17582	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.14	—	—	1.00E+00	ug/L	J	J	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	3.7	—	—	1.00E+00	ug/L	J	U	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.48	—	—	1.00E+00	ug/L	J	J	11-237	CAPA-10-26931	GELC
R-23i	7001	400.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.94	—	—	1.00E+00	ug/L	J	J	10-4078	CAPA-10-24089	GELC
R-23i	7001	400.3	06/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.11	—	—	1.00E+00	ug/L	J	J	10-3424	CAPA-10-17584	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.73	—	—	1.00E+00	ug/L	J	J	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	4.85	—	—	1.00E+00	ug/L	J	U	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.71	—	—	3.30E+00	ug/L	J	J	11-237	CAPA-10-26932	GELC
R-23i	7001	400.3	08/09/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-4078	CAPA-10-24088	GELC
R-23i	7001	400.3	06/15/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-3424	CAPA-10-17582	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.62	—	—	3.30E+00	ug/L	J	J	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.27	—	—	3.30E+00	ug/L	J	J	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	9.31	—	—	3.30E+00	ug/L	J	J	11-237	CAPA-10-26931	GELC
R-23i	7001	400.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-4078	CAPA-10-24089	GELC
R-23i	7001	400.3	06/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.69	—	—	3.30E+00	ug/L	J	J	10-3424	CAPA-10-17584	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	19.2	—	—	3.30E+00	ug/L	—	—	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	23.4	—	—	3.30E+00	ug/L	—	—	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	10/21/10	WG	UF	CS	EQB	VOA	SW-846:8260B	Butanone[2-]	—	1.81	—	—	1.30E+00	ug/L	J	J	11-236	CAPA-10-26944	GELC
R-23i	7001	400.3	08/09/10	WG	UF	CS	—	VOA	SW-846:8260B	Butanone[2-]	<	5	—	—	1.30E+00	ug/L	U	UJ	10-4078	CAPA-10-24089	GELC
R-23i	7001	400.3	06/15/10	WG	UF	CS	—	VOA	SW-846:8260B	Butanone[2-]	<	5	—	—	1.30E+00	ug/L	U	U	10-3423	CAPA-10-17584	GELC
R-23i	7001	400.3	10/21/10	WG	UF	CS	EQB	VOA	SW-846:8260B	Toluene	—	0.38	—	—	2.50E-01	ug/L	J	J	11-236	CAPA-10-26944	GELC
R-23i	7001	400.3	08/09/10	WG	UF	CS	—	VOA	SW-846:8260B	Toluene	<	1	—	—	2.50E-01	ug/L	U	U	10-4078	CAPA-10-24089	GELC
R-23i	7001	400.3	06/15/10	WG	UF	CS	—	VOA	SW-846:8260B	Toluene	<	1	—	—	2.50E-01	ug/L	U	U	10-3423	CAPA-10-17584	GELC
R-23i	7011	470.2	10/18/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	83.9	—	—	7.30E-01	mg/L	—	—	11-190	CAPA-10-26946	GELC
R-23i	7011	470.2	08/04/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	79.1	—	—	7.30E-01	mg/L	—	—	10-3999	CAPA-10-24084	GELC
R-23i	7011	470.2	06/17/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	80.5	—	—	7.30E-01	mg/L	—	—	10-3451	CAPA-10-17576	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	82.2	—	—	7.30E-01	mg/L	—	—	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	12/02/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	75.4	—	—	7.30E-01	mg/L	—	—	10-775	CAPA-10-6152	GELC
R-23i	7011	470.2	10/18/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.029	—	—	1.60E-02	mg/L	J	J	11-190	CAPA-10-26946	GELC
R-23i	7011	470.2	08/04/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	UJ	10-3999	CAPA-10-24084	GELC
R-23i	7011	470.2	06/17/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.074	—	—	1.60E-02	mg/L	—	U	10-3451	CAPA-10-17576	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	UJ	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	12/02/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	U	10-775	CAPA-10-6152	GELC
R-23i	7011	470.2	10/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.9	—	—	5.00E-02	mg/L	—	—	11-190	CAPA-10-26946	GELC
R-23i	7011	470.2	08/04/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21	—	—	5.00E-02	mg/L	—	—	10-3999	CAPA-10-24084	GELC
R-23i	7011	470.2	06/17/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.5	—	—	5.00E-02	mg/L	—	—	10-3451	CAPA-10-17576	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.5	—	—	5.00E-02	mg/L	—	—	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	10/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.3	—	—	5.00E-02	mg/L	—	—	11-190	CAPA-10-26945	GELC
R-23i	7011	470.2	08/04/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.4	—	—	5.00E-02	mg/L	—	—	10-3999	CAPA-10-24083	GELC
R-23i	7011	470.2	06/17/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.4	—	—	5.00E-02	mg/L	—	—	10-3451	CAPA-10-17577	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.1	—	—	5.00E-02	mg/L	—	—	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	10/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.88	—	—	6.60E-02	mg/L	—	—	11-190	CAPA-10-26946	GELC
R-23i	7011	470.2	08/04/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.82	—	—	6.60E-02	mg/L	—	—	10-3999	CAPA-10-24084	GELC
R-23i	7011	470.2	06/17/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.79	—	—	6.60E-02	mg/L	—	—	10-3451	CAPA-10-17576	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.73	—	—	6.60E-02	mg/L	—	—	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	12/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	8.5	—	—	6.60E-02	mg/L	—	—	10-775	CAPA-10-6152	GELC
R-23i	7011	470.2	10/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.186	—	—	3.30E-02	mg/L	—	—	11-190	CAPA-10-26946	GELC
R-23i	7011	470.2	08/04/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.208	—	—	3.30E-02	mg/L	—	—	10-3999	CAPA-10-24084	GELC
R-23i	7011	470.2	06/17/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.175	—	—	3.30E-02	mg/L	—	—	10-3451	CAPA-10-17576	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.194	—	—	3.30E-02	mg/L	—	—	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	12/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.327	—	—	3.30E-02	mg/L	—	—	10-775	CAPA-10-6152	GELC
R-23i	7011	470.2	10/18/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	72.8	—	—	3.50E-01	mg/L	—	—	11-190	CAPA-10-26946	GELC
R-23i	7011	470.2	08/04/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	76.4	—	—	3.50E-01	mg/L	—	—	10-3999	CAPA-10-24084	GELC
R-23i	7011	470.2	06/17/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	74.1	—	—	3.50E-01	mg/L	—	—	10-3451	CAPA-10-17576	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	78.1	—	—	3.50E-01	mg/L	—	—	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	10/18/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	74.1	—	—	3.50E-01	mg/L	—	—	11-190	CAPA-10-26945	GELC
R-23i	7011	470.2	08/04/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	77.8	—	—	3.50E-01	mg/L	—	—	10-3999	CAPA-10-24083	GELC
R-23i	7011	470.2	06/17/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	74.1	—	—	3.50E-01	mg/L	—	—	10-3451	CAPA-10-17577	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	80.5	—	—	3.50E-01	mg/L	—	—	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	10/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.63	—	—	8.50E-02	mg/L	—	—	11-190	CAPA-10-26946	GELC
R-23i	7011	470.2	08/04/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.83	—	—	8.50E-02	mg/L	—	—	10-3999	CAPA-10-24084	GELC
R-23i	7011	470.2	06/17/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.59	—	—	8.50E-02	mg/L	—	—	10-3451	CAPA-10-17576	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.91	—	—	8.50E-02	mg/L	—	—	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	10/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.66	—	—	8.50E-02	mg/L	—	—	11-190	CAPA-10-26945	GELC
R-23i	7011	470.2	08/04/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.94	—	—	8.50E-02	mg/L	—	—	10-3999	CAPA-10-24083	GELC
R-23i	7011	470.2	06/17/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.63	—	—	8.50E-02	mg/L	—	—	10-3451	CAPA-10-17577	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.13	—	—	8.50E-02	mg/L	—	—	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	10/18/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.883	—	—	1.00E-01	mg/L	—	—	11-190	CAPA-10-26946	GELC
R-23i	7011	470.2	08/04/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.82	—	—	5.00E-02	mg/L	—	—	10-3999	CAPA-10-24084	GELC
R-23i	7011	470.2	06/17/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.935	—	—	5.00E-02	mg/L	—	—	10-3451	CAPA-10-17576	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.705	—	—	5.00E-02	mg/L	—	—	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	12/02/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.675	—	—	5.00E-02	mg/L	—	J	10-775	CAPA-10-6152	GELC
R-23i	7011	470.2	10/18/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.252	—	—	5.00E-02	ug/L	—	—	11-190	CAPA-10-26946	GELC
R-23i	7011	470.2	08/04/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.263	—	—	5.00E-02	ug/L	—	—	10-3999	CAPA-10-24084	GELC
R-23i	7011	470.2	06/17/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.249	—	—	5.00E-02	ug/L	—	—	10-3451	CAPA-10-17576	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.214	—	—	5.00E-02	ug/L	—	—	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	12/02/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.226	—	—	5.00E-02	ug/L	—	J+	10-775	CAPA-10-6152	GELC
R-23i	7011	470.2	10/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.56	—	—	5.00E-02	mg/L	—	J	11-190	CAPA-10-26946	GELC
R-23i	7011	470.2	08/04/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.6	—	—	5.00E-02	mg/L	—	—	10-3999	CAPA-10-24084	GELC
R-23i	7011	470.2	06/17/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.37	—	—	5.00E-02	mg/L	—	—	10-3451	CAPA-10-17576	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.63	—	—	5.00E-02	mg/L	—	—	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	10/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.62	—	—	5.00E-02	mg/L	—	J	11-190	CAPA-10-26945	GELC
R-23i	7011	470.2	08/04/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.55	—	—	5.00E-02	mg/L	—	—	10-3999	CAPA-10-24083	GELC
R-23i	7011	470.2	06/17/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.4	—	—	5.00E-02	mg/L	—	—	10-3451	CAPA-10-17577	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.69	—	—	5.00E-02	mg/L	—	—	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	10/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	1.00E-01	mg/L	—	—	11-190	CAPA-10-26946	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-23i	7011	470.2	08/04/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12	—	—	1.00E-01	mg/L	—	—	10-3999	CAPA-10-24084	GELC
R-23i	7011	470.2	06/17/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	1.00E-01	mg/L	—	—	10-3451	CAPA-10-17576	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.8	—	—	1.00E-01	mg/L	—	—	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	10/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	1.00E-01	mg/L	—	—	11-190	CAPA-10-26945	GELC
R-23i	7011	470.2	08/04/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.3	—	—	1.00E-01	mg/L	—	—	10-3999	CAPA-10-24083	GELC
R-23i	7011	470.2	06/17/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	1.00E-01	mg/L	—	—	10-3451	CAPA-10-17577	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.1	—	—	1.00E-01	mg/L	—	—	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	10/18/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	206	—	—	1.00E+00	uS/cm	—	—	11-190	CAPA-10-26946	GELC
R-23i	7011	470.2	08/04/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	206	—	—	1.00E+00	uS/cm	—	—	10-3999	CAPA-10-24084	GELC
R-23i	7011	470.2	06/17/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	209	—	—	1.00E+00	uS/cm	—	—	10-3451	CAPA-10-17576	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	209	—	—	1.00E+00	uS/cm	—	—	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	10/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.71	—	—	1.00E-01	mg/L	—	—	11-190	CAPA-10-26946	GELC
R-23i	7011	470.2	08/04/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.65	—	—	1.00E-01	mg/L	—	—	10-3999	CAPA-10-24084	GELC
R-23i	7011	470.2	06/17/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.78	—	—	1.00E-01	mg/L	—	—	10-3451	CAPA-10-17576	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.41	—	—	1.00E-01	mg/L	—	—	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	12/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.95	—	—	1.00E-01	mg/L	—	—	10-775	CAPA-10-6152	GELC
R-23i	7011	470.2	10/18/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	147	—	—	2.40E+00	mg/L	—	—	11-190	CAPA-10-26946	GELC
R-23i	7011	470.2	08/04/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	169	—	—	2.40E+00	mg/L	—	J	10-3999	CAPA-10-24084	GELC
R-23i	7011	470.2	06/17/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	157	—	—	2.40E+00	mg/L	—	J	10-3451	CAPA-10-17576	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	154	—	—	2.40E+00	mg/L	—	—	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	12/02/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	150	—	—	2.40E+00	mg/L	—	—	10-775	CAPA-10-6152	GELC
R-23i	7011	470.2	10/18/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.746	—	—	3.30E-01	mg/L	J	J	11-189	CAPA-10-26945	GELC
R-23i	7011	470.2	08/04/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.767	—	—	3.30E-01	mg/L	J	J	10-3999	CAPA-10-24083	GELC
R-23i	7011	470.2	06/17/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.59	—	—	3.30E-01	mg/L	J	J	10-3452	CAPA-10-17577	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.1	—	—	3.30E-01	mg/L	—	—	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	12/02/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.802	—	—	3.30E-01	mg/L	J	J	10-775	CAPA-10-6151	GELC
R-23i	7011	470.2	10/18/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.17	—	—	1.00E-02	SU	H	J-	11-190	CAPA-10-26946	GELC
R-23i	7011	470.2	08/04/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.19	—	—	1.00E-02	SU	H	J-	10-3999	CAPA-10-24084	GELC
R-23i	7011	470.2	06/17/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.18	—	—	1.00E-02	SU	H	J-	10-3451	CAPA-10-17576	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.23	—	—	1.00E-02	SU	H	J-	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	10/18/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.76	—	—	1.00E+00	ug/L	—	—	11-190	CAPA-10-26946	GELC
R-23i	7011	470.2	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	10.9	—	—	1.00E+00	ug/L	—	—	10-3999	CAPA-10-24084	GELC
R-23i	7011	470.2	06/17/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	11	—	—	1.00E+00	ug/L	—	—	10-3451	CAPA-10-17576	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	12.2	—	—	1.00E+00	ug/L	—	—	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	10/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	10.2	—	—	1.00E+00	ug/L	—	—	11-190	CAPA-10-26945	GELC
R-23i	7011	470.2	08/04/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	11	—	—	1.00E+00	ug/L	—	—	10-3999	CAPA-10-24083	GELC
R-23i	7011	470.2	06/17/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	11.6	—	—	1.00E+00	ug/L	—	—	10-3451	CAPA-10-17577	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	12.6	—	—	1.00E+00	ug/L	—	—	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	10/18/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	16.2	—	—	1.50E+01	ug/L	J	J	11-190	CAPA-10-26946	GELC
R-23i	7011	470.2	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.4	—	—	1.50E+01	ug/L	J	J	10-3999	CAPA-10-24084	GELC
R-23i	7011	470.2	06/17/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	17.2	—	—	1.50E+01	ug/L	J	J	10-3451	CAPA-10-17576	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.6	—	—	1.50E+01	ug/L	J	J	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	10/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.9	—	—	1.50E+01	ug/L	J	J	11-190	CAPA-10-26945	GELC
R-23i	7011	470.2	08/04/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.4	—	—	1.50E+01	ug/L	J	J	10-3999	CAPA-10-24083	GELC
R-23i	7011	470.2	06/17/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	17.9	—	—	1.50E+01	ug/L	J	J	10-3451	CAPA-10-17577	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.4	—	—	1.50E+01	ug/L	J	J	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	10/18/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.2	—	—	2.50E+00	ug/L	J	J	11-190	CAPA-10-26946	GELC
R-23i	7011	470.2	08/04/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-3999	CAPA-10-24084	GELC
R-23i	7011	470.2	06/17/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.65	—	—	2.50E+00	ug/L	J	J	10-3451	CAPA-10-17576	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2393	CAPA-10-12900	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-23i	7011	470.2	08/04/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-3999	CAPA-10-24083	GELC
R-23i	7011	470.2	06/17/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.05	—	—	2.50E+00	ug/L	J	J	10-3451	CAPA-10-17577	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	10/18/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.754	—	—	5.00E-01	ug/L	J	J	11-190	CAPA-10-26946	GELC
R-23i	7011	470.2	08/04/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.73	—	—	5.00E-01	ug/L	J	J	10-3999	CAPA-10-24084	GELC
R-23i	7011	470.2	06/17/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.03	—	—	5.00E-01	ug/L	J	J	10-3451	CAPA-10-17576	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.741	—	—	5.00E-01	ug/L	J	J	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	10/18/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.707	—	—	5.00E-01	ug/L	J	J	11-190	CAPA-10-26945	GELC
R-23i	7011	470.2	08/04/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.18	—	—	5.00E-01	ug/L	J	J	10-3999	CAPA-10-24083	GELC
R-23i	7011	470.2	06/17/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.04	—	—	5.00E-01	ug/L	J	J	10-3451	CAPA-10-17577	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.748	—	—	5.00E-01	ug/L	J	J	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	10/18/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	39.5	—	—	5.30E-02	mg/L	—	—	11-190	CAPA-10-26946	GELC
R-23i	7011	470.2	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	44.2	—	—	5.30E-02	mg/L	—	—	10-3999	CAPA-10-24084	GELC
R-23i	7011	470.2	06/17/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	42.3	—	—	5.30E-02	mg/L	—	—	10-3451	CAPA-10-17576	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	42.9	—	—	5.30E-02	mg/L	—	—	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	41	—	—	5.30E-02	mg/L	—	—	10-775	CAPA-10-6152	GELC
R-23i	7011	470.2	10/18/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	92.1	—	—	1.00E+00	ug/L	—	—	11-190	CAPA-10-26946	GELC
R-23i	7011	470.2	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	101	—	—	1.00E+00	ug/L	—	—	10-3999	CAPA-10-24084	GELC
R-23i	7011	470.2	06/17/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	96	—	—	1.00E+00	ug/L	—	—	10-3451	CAPA-10-17576	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	111	—	—	1.00E+00	ug/L	—	—	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	10/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	94.5	—	—	1.00E+00	ug/L	—	—	11-190	CAPA-10-26945	GELC
R-23i	7011	470.2	08/04/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	102	—	—	1.00E+00	ug/L	—	—	10-3999	CAPA-10-24083	GELC
R-23i	7011	470.2	06/17/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	97.3	—	—	1.00E+00	ug/L	—	—	10-3451	CAPA-10-17577	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	113	—	—	1.00E+00	ug/L	—	—	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	10/18/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.33	—	—	1.00E+00	ug/L	J	J	11-190	CAPA-10-26946	GELC
R-23i	7011	470.2	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.15	—	—	1.00E+00	ug/L	J	J	10-3999	CAPA-10-24084	GELC
R-23i	7011	470.2	06/17/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.77	—	—	1.00E+00	ug/L	J	J	10-3451	CAPA-10-17576	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.91	—	—	1.00E+00	ug/L	J	J	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	10/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.41	—	—	1.00E+00	ug/L	J	J	11-190	CAPA-10-26945	GELC
R-23i	7011	470.2	08/04/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.06	—	—	1.00E+00	ug/L	J	J	10-3999	CAPA-10-24083	GELC
R-23i	7011	470.2	06/17/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.66	—	—	1.00E+00	ug/L	J	J	10-3451	CAPA-10-17577	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.06	—	—	1.00E+00	ug/L	—	—	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	10/18/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.23	—	—	3.30E+00	ug/L	J	J	11-190	CAPA-10-26946	GELC
R-23i	7011	470.2	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-3999	CAPA-10-24084	GELC
R-23i	7011	470.2	06/17/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-3451	CAPA-10-17576	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.26	—	—	3.30E+00	ug/L	J	J	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	10/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.5	—	—	3.30E+00	ug/L	J	J	11-190	CAPA-10-26945	GELC
R-23i	7011	470.2	08/04/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-3999	CAPA-10-24083	GELC
R-23i	7011	470.2	06/17/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-3451	CAPA-10-17577	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.76	—	—	3.30E+00	ug/L	J	J	10-2393	CAPA-10-12899	GELC
R-23i	7021	524	10/18/10	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	72.8	—	—	7.30E-01	mg/L	—	—	11-190	CAPA-10-26953	GELC
R-23i	7021	524	10/18/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	85.9	—	—	7.30E-01	mg/L	—	—	11-190	CAPA-10-26950	GELC
R-23i	7021	524	08/04/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	76.5	—	—	7.30E-01	mg/L	—	—	10-3999	CAPA-10-24087	GELC
R-23i	7021	524	06/16/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	78.9	—	—	7.30E-01	mg/L	—	—	10-3435	CAPA-10-17579	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.2	—	—	7.30E-01	mg/L	—	—	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	71.5	—	—	7.30E-01	mg/L	—	—	10-740	CAPA-10-6862	GELC
R-23i	7021	524	10/18/10	WG	F	CS	FD	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.041	—	—	1.60E-02	mg/L	J	J	11-190	CAPA-10-26953	GELC
R-23i	7021	524	10/18/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.032	—	—	1.60E-02	mg/L	J	J	11-190	CAPA-10-26950	GELC
R-23i	7021	524	08/04/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	UJ	10-3999	CAPA-10-24087	GELC
R-23i	7021	524	06/16/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.075	—	—	1.60E-02	mg/L	—	U	10-3435	CAPA-10-17579	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-23i	7021	524	03/08/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.035	—	—	1.60E-02	mg/L	J	U	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	U	10-740	CAPA-10-6862	GELC
R-23i	7021	524	10/18/10	WG	F	CS	FD	Geninorg	EPA:300.0	Bromide	—	0.12	—	—	6.60E-02	mg/L	J	J	11-190	CAPA-10-26953	GELC
R-23i	7021	524	08/04/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.129	—	—	6.60E-02	mg/L	J	J	10-3999	CAPA-10-24087	GELC
R-23i	7021	524	06/16/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	U	10-3435	CAPA-10-17579	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	U	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	U	10-740	CAPA-10-6862	GELC
R-23i	7021	524	10/18/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	20	—	—	5.00E-02	mg/L	—	—	11-190	CAPA-10-26953	GELC
R-23i	7021	524	10/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.8	—	—	5.00E-02	mg/L	—	—	11-190	CAPA-10-26950	GELC
R-23i	7021	524	08/04/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.8	—	—	5.00E-02	mg/L	—	—	10-3999	CAPA-10-24087	GELC
R-23i	7021	524	06/16/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21	—	—	5.00E-02	mg/L	—	—	10-3435	CAPA-10-17579	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.4	—	—	5.00E-02	mg/L	—	—	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.7	—	—	5.00E-02	mg/L	—	—	10-740	CAPA-10-6862	GELC
R-23i	7021	524	10/18/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	19.8	—	—	5.00E-02	mg/L	—	—	11-190	CAPA-10-26951	GELC
R-23i	7021	524	10/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.6	—	—	5.00E-02	mg/L	—	—	11-190	CAPA-10-26948	GELC
R-23i	7021	524	08/04/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21	—	—	5.00E-02	mg/L	—	—	10-3999	CAPA-10-24086	GELC
R-23i	7021	524	06/16/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.4	—	—	5.00E-02	mg/L	—	—	10-3435	CAPA-10-17580	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.7	—	—	5.00E-02	mg/L	—	—	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.1	—	—	5.00E-02	mg/L	—	—	10-740	CAPA-10-6863	GELC
R-23i	7021	524	10/18/10	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	8.3	—	—	6.60E-02	mg/L	—	—	11-190	CAPA-10-26953	GELC
R-23i	7021	524	10/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	8.29	—	—	6.60E-02	mg/L	—	—	11-190	CAPA-10-26950	GELC
R-23i	7021	524	08/04/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	8.25	—	—	6.60E-02	mg/L	—	—	10-3999	CAPA-10-24087	GELC
R-23i	7021	524	06/16/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	8.12	—	—	6.60E-02	mg/L	—	—	10-3435	CAPA-10-17579	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	8.17	—	—	6.60E-02	mg/L	—	—	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	8.74	—	—	6.60E-02	mg/L	—	—	10-740	CAPA-10-6862	GELC
R-23i	7021	524	10/18/10	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.192	—	—	3.30E-02	mg/L	—	—	11-190	CAPA-10-26953	GELC
R-23i	7021	524	10/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.194	—	—	3.30E-02	mg/L	—	—	11-190	CAPA-10-26950	GELC
R-23i	7021	524	08/04/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.22	—	—	3.30E-02	mg/L	—	—	10-3999	CAPA-10-24087	GELC
R-23i	7021	524	06/16/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.178	—	—	3.30E-02	mg/L	—	—	10-3435	CAPA-10-17579	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.206	—	—	3.30E-02	mg/L	—	J-	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.368	—	—	3.30E-02	mg/L	—	—	10-740	CAPA-10-6862	GELC
R-23i	7021	524	10/18/10	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	73.6	—	—	3.50E-01	mg/L	—	—	11-190	CAPA-10-26953	GELC
R-23i	7021	524	10/18/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	72.8	—	—	3.50E-01	mg/L	—	—	11-190	CAPA-10-26950	GELC
R-23i	7021	524	08/04/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	76	—	—	3.50E-01	mg/L	—	—	10-3999	CAPA-10-24087	GELC
R-23i	7021	524	06/16/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	76.9	—	—	3.50E-01	mg/L	—	—	10-3435	CAPA-10-17579	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	77.7	—	—	3.50E-01	mg/L	—	—	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	75.2	—	—	3.50E-01	mg/L	—	—	10-740	CAPA-10-6862	GELC
R-23i	7021	524	10/18/10	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	72.3	—	—	3.50E-01	mg/L	—	—	11-190	CAPA-10-26951	GELC
R-23i	7021	524	10/18/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	72	—	—	3.50E-01	mg/L	—	—	11-190	CAPA-10-26948	GELC
R-23i	7021	524	08/04/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	76.8	—	—	3.50E-01	mg/L	—	—	10-3999	CAPA-10-24086	GELC
R-23i	7021	524	06/16/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	78	—	—	3.50E-01	mg/L	—	—	10-3435	CAPA-10-17580	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	79.1	—	—	3.50E-01	mg/L	—	—	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	73.5	—	—	3.50E-01	mg/L	—	—	10-740	CAPA-10-6863	GELC
R-23i	7021	524	10/18/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	5.75	—	—	8.50E-02	mg/L	—	—	11-190	CAPA-10-26953	GELC
R-23i	7021	524	10/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.67	—	—	8.50E-02	mg/L	—	—	11-190	CAPA-10-26950	GELC
R-23i	7021	524	08/04/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.82	—	—	8.50E-02	mg/L	—	—	10-3999	CAPA-10-24087	GELC
R-23i	7021	524	06/16/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.93	—	—	8.50E-02	mg/L	—	—	10-3435	CAPA-10-17579	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.92	—	—	8.50E-02	mg/L	—	—	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.72	—	—	8.50E-02	mg/L	—	—	10-740	CAPA-10-6862	GELC
R-23i	7021	524	10/18/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	5.57	—	—	8.50E-02	mg/L	—	—	11-190	CAPA-10-26951	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-23i	7021	524	10/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.62	—	—	8.50E-02	mg/L	—	—	11-190	CAPA-10-26948	GELC
R-23i	7021	524	08/04/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.93	—	—	8.50E-02	mg/L	—	—	10-3999	CAPA-10-24086	GELC
R-23i	7021	524	06/16/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.95	—	—	8.50E-02	mg/L	—	—	10-3435	CAPA-10-17580	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.04	—	—	8.50E-02	mg/L	—	—	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.65	—	—	8.50E-02	mg/L	—	—	10-740	CAPA-10-6863	GELC
R-23i	7021	524	10/18/10	WG	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.929	—	—	1.00E-01	mg/L	—	—	11-190	CAPA-10-26953	GELC
R-23i	7021	524	10/18/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.925	—	—	1.00E-01	mg/L	—	—	11-190	CAPA-10-26950	GELC
R-23i	7021	524	08/04/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.91	—	—	5.00E-02	mg/L	—	—	10-3999	CAPA-10-24087	GELC
R-23i	7021	524	06/16/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.865	—	—	5.00E-02	mg/L	—	J+	10-3435	CAPA-10-17579	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.855	—	—	5.00E-02	mg/L	—	—	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.89	—	—	5.00E-02	mg/L	—	—	10-740	CAPA-10-6862	GELC
R-23i	7021	524	10/18/10	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.259	—	—	5.00E-02	ug/L	—	—	11-190	CAPA-10-26953	GELC
R-23i	7021	524	10/18/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.253	—	—	5.00E-02	ug/L	—	—	11-190	CAPA-10-26950	GELC
R-23i	7021	524	08/04/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.29	—	—	5.00E-02	ug/L	—	—	10-3999	CAPA-10-24087	GELC
R-23i	7021	524	06/16/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.275	—	—	5.00E-02	ug/L	—	—	10-3435	CAPA-10-17579	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.234	—	—	5.00E-02	ug/L	—	—	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.266	—	—	5.00E-02	ug/L	—	J+	10-740	CAPA-10-6862	GELC
R-23i	7021	524	10/18/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	2.62	—	—	5.00E-02	mg/L	—	J	11-190	CAPA-10-26953	GELC
R-23i	7021	524	10/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.6	—	—	5.00E-02	mg/L	—	J	11-190	CAPA-10-26950	GELC
R-23i	7021	524	08/04/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.59	—	—	5.00E-02	mg/L	—	—	10-3999	CAPA-10-24087	GELC
R-23i	7021	524	06/16/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.55	—	—	5.00E-02	mg/L	—	—	10-3435	CAPA-10-17579	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.65	—	—	5.00E-02	mg/L	—	—	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.65	—	—	5.00E-02	mg/L	—	—	10-740	CAPA-10-6862	GELC
R-23i	7021	524	10/18/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	2.6	—	—	5.00E-02	mg/L	—	J	11-190	CAPA-10-26951	GELC
R-23i	7021	524	10/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.58	—	—	5.00E-02	mg/L	—	J	11-190	CAPA-10-26948	GELC
R-23i	7021	524	08/04/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.61	—	—	5.00E-02	mg/L	—	—	10-3999	CAPA-10-24086	GELC
R-23i	7021	524	06/16/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.55	—	—	5.00E-02	mg/L	—	—	10-3435	CAPA-10-17580	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.66	—	—	5.00E-02	mg/L	—	—	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.57	—	—	5.00E-02	mg/L	—	—	10-740	CAPA-10-6863	GELC
R-23i	7021	524	10/18/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	1.00E-01	mg/L	—	—	11-190	CAPA-10-26953	GELC
R-23i	7021	524	10/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.2	—	—	1.00E-01	mg/L	—	—	11-190	CAPA-10-26950	GELC
R-23i	7021	524	08/04/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.9	—	—	1.00E-01	mg/L	—	—	10-3999	CAPA-10-24087	GELC
R-23i	7021	524	06/16/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	1.00E-01	mg/L	—	—	10-3435	CAPA-10-17579	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.7	—	—	1.00E-01	mg/L	—	—	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	1.00E-01	mg/L	—	—	10-740	CAPA-10-6862	GELC
R-23i	7021	524	10/18/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	10.2	—	—	1.00E-01	mg/L	—	—	11-190	CAPA-10-26951	GELC
R-23i	7021	524	10/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.1	—	—	1.00E-01	mg/L	—	—	11-190	CAPA-10-26948	GELC
R-23i	7021	524	08/04/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.9	—	—	1.00E-01	mg/L	—	—	10-3999	CAPA-10-24086	GELC
R-23i	7021	524	06/16/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.2	—	—	1.00E-01	mg/L	—	—	10-3435	CAPA-10-17580	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.9	—	—	1.00E-01	mg/L	—	—	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.2	—	—	1.00E-01	mg/L	—	—	10-740	CAPA-10-6863	GELC
R-23i	7021	524	10/18/10	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	203	—	—	1.00E+00	uS/cm	—	—	11-190	CAPA-10-26953	GELC
R-23i	7021	524	10/18/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	203	—	—	1.00E+00	uS/cm	—	—	11-190	CAPA-10-26950	GELC
R-23i	7021	524	08/04/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	203	—	—	1.00E+00	uS/cm	—	—	10-3999	CAPA-10-24087	GELC
R-23i	7021	524	06/16/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	201	—	—	1.00E+00	uS/cm	—	—	10-3435	CAPA-10-17579	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	202	—	—	1.00E+00	uS/cm	—	—	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	200	—	—	1.00E+00	uS/cm	—	—	10-740	CAPA-10-6862	GELC
R-23i	7021	524	10/18/10	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	7.49	—	—	1.00E-01	mg/L	—	—	11-190	CAPA-10-26953	GELC
R-23i	7021	524	10/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.48	—	—	1.00E-01	mg/L	—	—	11-190	CAPA-10-26950	GELC
R-23i	7021	524	08/04/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.42	—	—	1.00E-01	mg/L	—	—	10-3999	CAPA-10-24087	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-23i	7021	524	06/16/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.52	—	—	1.00E-01	mg/L	—	—	10-3435	CAPA-10-17579	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.82	—	—	1.00E-01	mg/L	—	—	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.51	—	—	1.00E-01	mg/L	—	—	10-740	CAPA-10-6862	GELC
R-23i	7021	524	10/18/10	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	145	—	—	2.40E+00	mg/L	—	—	11-190	CAPA-10-26953	GELC
R-23i	7021	524	10/18/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	143	—	—	2.40E+00	mg/L	—	—	11-190	CAPA-10-26950	GELC
R-23i	7021	524	08/04/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	163	—	—	2.40E+00	mg/L	—	J	10-3999	CAPA-10-24087	GELC
R-23i	7021	524	06/16/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	148	—	—	2.40E+00	mg/L	—	J	10-3435	CAPA-10-17579	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	136	—	—	2.40E+00	mg/L	—	—	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	153	—	—	2.40E+00	mg/L	—	—	10-740	CAPA-10-6862	GELC
R-23i	7021	524	10/18/10	WG	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	0.762	—	—	3.30E-01	mg/L	J	J	11-189	CAPA-10-26951	GELC
R-23i	7021	524	10/18/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.741	—	—	3.30E-01	mg/L	J	J	11-189	CAPA-10-26948	GELC
R-23i	7021	524	08/04/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.952	—	—	3.30E-01	mg/L	J	J	10-3999	CAPA-10-24086	GELC
R-23i	7021	524	06/16/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.428	—	—	3.30E-01	mg/L	J	J	10-3436	CAPA-10-17580	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.97	—	—	3.30E-01	mg/L	J	J	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.619	—	—	3.30E-01	mg/L	J	J	10-739	CAPA-10-6863	GELC
R-23i	7021	524	10/18/10	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	8.25	—	—	1.00E-02	SU	H	J-	11-190	CAPA-10-26953	GELC
R-23i	7021	524	10/18/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.26	—	—	1.00E-02	SU	H	J-	11-190	CAPA-10-26950	GELC
R-23i	7021	524	08/04/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.21	—	—	1.00E-02	SU	H	J-	10-3999	CAPA-10-24087	GELC
R-23i	7021	524	06/16/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.2	—	—	1.00E-02	SU	H	J-	10-3435	CAPA-10-17579	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.22	—	—	1.00E-02	SU	H	J-	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.35	—	—	1.00E-02	SU	H	J-	10-740	CAPA-10-6862	GELC
R-23i	7021	524	10/18/10	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	8.27	—	—	1.00E+00	ug/L	—	—	11-190	CAPA-10-26953	GELC
R-23i	7021	524	10/18/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	8.29	—	—	1.00E+00	ug/L	—	—	11-190	CAPA-10-26950	GELC
R-23i	7021	524	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	7.83	—	—	1.00E+00	ug/L	—	—	10-3999	CAPA-10-24087	GELC
R-23i	7021	524	06/16/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.14	—	—	1.00E+00	ug/L	—	—	10-3435	CAPA-10-17579	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	17.5	—	—	1.00E+00	ug/L	—	—	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	8.74	—	—	1.00E+00	ug/L	—	—	10-740	CAPA-10-6862	GELC
R-23i	7021	524	10/18/10	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	8.35	—	—	1.00E+00	ug/L	—	—	11-190	CAPA-10-26951	GELC
R-23i	7021	524	10/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	8.24	—	—	1.00E+00	ug/L	—	—	11-190	CAPA-10-26948	GELC
R-23i	7021	524	08/04/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	7.92	—	—	1.00E+00	ug/L	—	—	10-3999	CAPA-10-24086	GELC
R-23i	7021	524	06/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	9.37	—	—	1.00E+00	ug/L	—	—	10-3435	CAPA-10-17580	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	17.8	—	—	1.00E+00	ug/L	—	—	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	8.84	—	—	1.00E+00	ug/L	—	—	10-740	CAPA-10-6863	GELC
R-23i	7021	524	10/18/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.8	—	—	1.50E+01	ug/L	J	J	11-190	CAPA-10-26950	GELC
R-23i	7021	524	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-3999	CAPA-10-24087	GELC
R-23i	7021	524	06/16/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.8	—	—	1.50E+01	ug/L	J	J	10-3435	CAPA-10-17579	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	17.9	—	—	1.50E+01	ug/L	J	J	10-740	CAPA-10-6862	GELC
R-23i	7021	524	10/18/10	WG	UF	CS	FD	Metals	SW-846:6010B	Boron	—	15.5	—	—	1.50E+01	ug/L	J	J	11-190	CAPA-10-26951	GELC
R-23i	7021	524	10/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.7	—	—	1.50E+01	ug/L	J	J	11-190	CAPA-10-26948	GELC
R-23i	7021	524	08/04/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-3999	CAPA-10-24086	GELC
R-23i	7021	524	06/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.2	—	—	1.50E+01	ug/L	J	J	10-3435	CAPA-10-17580	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.9	—	—	1.50E+01	ug/L	J	J	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16	—	—	1.50E+01	ug/L	J	J	10-740	CAPA-10-6863	GELC
R-23i	7021	524	10/18/10	WG	F	CS	FD	Metals	SW-846:6020	Chromium	—	4.43	—	—	2.50E+00	ug/L	J	J	11-190	CAPA-10-26953	GELC
R-23i	7021	524	10/18/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.39	—	—	2.50E+00	ug/L	J	J	11-190	CAPA-10-26950	GELC
R-23i	7021	524	08/04/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.41	—	—	2.50E+00	ug/L	J	J	10-3999	CAPA-10-24087	GELC
R-23i	7021	524	06/16/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.62	—	—	2.50E+00	ug/L	J	J	10-3435	CAPA-10-17579	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-740	CAPA-10-6862	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-23i	7021	524	10/18/10	WG	UF	CS	FD	Metals	SW-846:6020	Chromium	—	3.86	—	—	2.50E+00	ug/L	J	J	11-190	CAPA-10-26951	GELC
R-23i	7021	524	10/18/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.15	—	—	2.50E+00	ug/L	J	J	11-190	CAPA-10-26948	GELC
R-23i	7021	524	08/04/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.11	—	—	2.50E+00	ug/L	J	J	10-3999	CAPA-10-24086	GELC
R-23i	7021	524	06/16/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.65	—	—	2.50E+00	ug/L	J	J	10-3435	CAPA-10-17580	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-740	CAPA-10-6863	GELC
R-23i	7021	524	10/18/10	WG	F	CS	FD	Metals	SW-846:6020	Nickel	—	1.29	—	—	5.00E-01	ug/L	J	J	11-190	CAPA-10-26953	GELC
R-23i	7021	524	10/18/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.21	—	—	5.00E-01	ug/L	J	J	11-190	CAPA-10-26950	GELC
R-23i	7021	524	08/04/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	5.00E-01	ug/L	J	J	10-3999	CAPA-10-24087	GELC
R-23i	7021	524	06/16/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.49	—	—	5.00E-01	ug/L	—	—	10-3435	CAPA-10-17579	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.11	—	—	5.00E-01	ug/L	J	J	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.588	—	—	5.00E-01	ug/L	J	J	10-740	CAPA-10-6862	GELC
R-23i	7021	524	10/18/10	WG	UF	CS	FD	Metals	SW-846:6020	Nickel	—	1.27	—	—	5.00E-01	ug/L	J	J	11-190	CAPA-10-26951	GELC
R-23i	7021	524	10/18/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.15	—	—	5.00E-01	ug/L	J	J	11-190	CAPA-10-26948	GELC
R-23i	7021	524	08/04/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.23	—	—	5.00E-01	ug/L	J	J	10-3999	CAPA-10-24086	GELC
R-23i	7021	524	06/16/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.56	—	—	5.00E-01	ug/L	—	—	10-3435	CAPA-10-17580	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.15	—	—	5.00E-01	ug/L	J	J	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.688	—	—	5.00E-01	ug/L	J	J	10-740	CAPA-10-6863	GELC
R-23i	7021	524	10/18/10	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	41.6	—	—	5.30E-02	mg/L	—	—	11-190	CAPA-10-26953	GELC
R-23i	7021	524	10/18/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	41.1	—	—	5.30E-02	mg/L	—	—	11-190	CAPA-10-26950	GELC
R-23i	7021	524	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	45.6	—	—	5.30E-02	mg/L	—	—	10-3999	CAPA-10-24087	GELC
R-23i	7021	524	06/16/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	44.7	—	—	5.30E-02	mg/L	—	—	10-3435	CAPA-10-17579	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	43.8	—	—	5.30E-02	mg/L	—	—	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	43.5	—	—	5.30E-02	mg/L	—	—	10-740	CAPA-10-6862	GELC
R-23i	7021	524	10/18/10	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	91.2	—	—	1.00E+00	ug/L	—	—	11-190	CAPA-10-26953	GELC
R-23i	7021	524	10/18/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	90.1	—	—	1.00E+00	ug/L	—	—	11-190	CAPA-10-26950	GELC
R-23i	7021	524	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	95.9	—	—	1.00E+00	ug/L	—	—	10-3999	CAPA-10-24087	GELC
R-23i	7021	524	06/16/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	96	—	—	1.00E+00	ug/L	—	—	10-3435	CAPA-10-17579	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	113	—	—	1.00E+00	ug/L	—	—	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	99.3	—	—	1.00E+00	ug/L	—	—	10-740	CAPA-10-6862	GELC
R-23i	7021	524	10/18/10	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	89.3	—	—	1.00E+00	ug/L	—	—	11-190	CAPA-10-26951	GELC
R-23i	7021	524	10/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	89.1	—	—	1.00E+00	ug/L	—	—	11-190	CAPA-10-26948	GELC
R-23i	7021	524	08/04/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	96.2	—	—	1.00E+00	ug/L	—	—	10-3999	CAPA-10-24086	GELC
R-23i	7021	524	06/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	98	—	—	1.00E+00	ug/L	—	—	10-3435	CAPA-10-17580	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	114	—	—	1.00E+00	ug/L	—	—	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	94.3	—	—	1.00E+00	ug/L	—	—	10-740	CAPA-10-6863	GELC
R-23i	7021	524	10/18/10	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	4.73	—	—	1.00E+00	ug/L	J	J	11-190	CAPA-10-26953	GELC
R-23i	7021	524	10/18/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.65	—	—	1.00E+00	ug/L	J	J	11-190	CAPA-10-26950	GELC
R-23i	7021	524	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.33	—	—	1.00E+00	ug/L	J	J	10-3999	CAPA-10-24087	GELC
R-23i	7021	524	06/16/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.85	—	—	1.00E+00	ug/L	J	J	10-3435	CAPA-10-17579	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.06	—	—	1.00E+00	ug/L	—	—	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.47	—	—	1.00E+00	ug/L	—	—	10-740	CAPA-10-6862	GELC
R-23i	7021	524	10/18/10	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	4.89	—	—	1.00E+00	ug/L	J	J	11-190	CAPA-10-26951	GELC
R-23i	7021	524	10/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.57	—	—	1.00E+00	ug/L	J	J	11-190	CAPA-10-26948	GELC
R-23i	7021	524	08/04/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.32	—	—	1.00E+00	ug/L	J	J	10-3999	CAPA-10-24086	GELC
R-23i	7021	524	06/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.04	—	—	1.00E+00	ug/L	—	—	10-3435	CAPA-10-17580	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.24	—	—	1.00E+00	ug/L	—	—	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.09	—	—	1.00E+00	ug/L	—	—	10-740	CAPA-10-6863	GELC
R-23i	7021	524	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-3999	CAPA-10-24087	GELC
R-23i	7021	524	06/16/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-3435	CAPA-10-17579	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-23i	7021	524	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-740	CAPA-10-6862	GELC
R-23i	7021	524	10/18/10	WG	UF	CS	FD	Metals	SW-846:6010B	Zinc	—	3.56	—	—	3.30E+00	ug/L	J	J	11-190	CAPA-10-26951	GELC
R-23i	7021	524	08/04/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-3999	CAPA-10-24086	GELC
R-23i	7021	524	06/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-3435	CAPA-10-17580	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-740	CAPA-10-6863	GELC
R-23i	7021	524	10/18/10	WG	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	—	4.67	—	—	2.20E+00	ug/L	J	J	11-189	CAPA-10-26948	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	<	10.9	—	—	2.20E+00	ug/L	U	U	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	<	10.2	—	—	2.00E+00	ug/L	U	U	10-739	CAPA-10-6863	GELC
R-23i	7021	524	09/09/09	WG	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	<	10.5	—	—	2.10E+00	ug/L	U	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	06/20/07	WG	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	<	10.5	—	—	2.11E+00	ug/L	U	—	188427	GU0706GR23I 02	GELC
R-32	8421	867.5	10/14/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	67.7	—	—	7.30E-01	mg/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	867.5	08/06/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68.5	—	—	7.30E-01	mg/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	867.5	06/07/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68.8	—	—	7.30E-01	mg/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	70.3	—	—	7.30E-01	mg/L	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	67.4	—	—	7.30E-01	mg/L	—	—	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	10/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.0674	—	—	6.60E-02	mg/L	J	J	11-159	CAPA-10-27392	GELC
R-32	8421	867.5	08/06/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.125	—	—	6.60E-02	mg/L	J	J	10-4049	CAPA-10-24123	GELC
R-32	8421	867.5	06/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	U	10-3333	CAPA-10-17741	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	U	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	UH	UJ	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	10/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16	—	—	5.00E-02	mg/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	867.5	08/06/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.1	—	—	5.00E-02	mg/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	867.5	06/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.9	—	—	5.00E-02	mg/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17	—	—	5.00E-02	mg/L	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.8	—	—	5.00E-02	mg/L	—	—	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	10/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.7	—	—	5.00E-02	mg/L	—	—	11-159	CAPA-10-27391	GELC
R-32	8421	867.5	08/06/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.5	—	—	5.00E-02	mg/L	—	—	10-4049	CAPA-10-24125	GELC
R-32	8421	867.5	06/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.4	—	—	5.00E-02	mg/L	—	—	10-3333	CAPA-10-17740	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17	—	—	5.00E-02	mg/L	—	—	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	12/07/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.3	—	—	5.00E-02	mg/L	—	—	10-844	CAPA-10-6377	GELC
R-32	8421	867.5	10/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.9	—	—	6.60E-02	mg/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	867.5	08/06/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.96	—	—	6.60E-02	mg/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	867.5	06/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.81	—	—	6.60E-02	mg/L	—	J	10-3333	CAPA-10-17741	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.71	—	—	6.60E-02	mg/L	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.99	—	—	6.60E-02	mg/L	H	J-	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	10/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.255	—	—	3.30E-02	mg/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	867.5	08/06/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.293	—	—	3.30E-02	mg/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	867.5	06/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.237	—	—	3.30E-02	mg/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.263	—	—	3.30E-02	mg/L	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.247	—	—	3.30E-02	mg/L	H	J-	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	10/14/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	59.4	—	—	3.50E-01	mg/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	867.5	08/06/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	60.2	—	—	3.50E-01	mg/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	867.5	06/07/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	59.5	—	—	3.50E-01	mg/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	63.4	—	—	3.50E-01	mg/L	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	59.1	—	—	3.50E-01	mg/L	—	—	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	10/14/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	58.5	—	—	3.50E-01	mg/L	—	—	11-159	CAPA-10-27391	GELC
R-32	8421	867.5	08/06/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	61.9	—	—	3.50E-01	mg/L	—	—	10-4049	CAPA-10-24125	GELC
R-32	8421	867.5	06/07/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	66.7	—	—	3.50E-01	mg/L	—	—	10-3333	CAPA-10-17740	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	63.4	—	—	3.50E-01	mg/L	—	—	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	12/07/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	60.9	—	—	3.50E-01	mg/L	—	—	10-844	CAPA-10-6377	GELC
R-32	8421	867.5	10/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.73	—	—	8.50E-02	mg/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	867.5	08/06/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.88	—	—	8.50E-02	mg/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	867.5	06/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.78	—	—	8.50E-02	mg/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.09	—	—	8.50E-02	mg/L	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.76	—	—	8.50E-02	mg/L	—	—	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	10/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.69	—	—	8.50E-02	mg/L	—	—	11-159	CAPA-10-27391	GELC
R-32	8421	867.5	08/06/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.04	—	—	8.50E-02	mg/L	—	—	10-4049	CAPA-10-24125	GELC
R-32	8421	867.5	06/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.07	—	—	8.50E-02	mg/L	—	—	10-3333	CAPA-10-17740	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.07	—	—	8.50E-02	mg/L	—	—	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	12/07/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.93	—	—	8.50E-02	mg/L	—	—	10-844	CAPA-10-6377	GELC
R-32	8421	867.5	10/14/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.02	—	—	5.00E-02	mg/L	—	J	11-159	CAPA-10-27392	GELC
R-32	8421	867.5	08/06/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.955	—	—	5.00E-02	mg/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	867.5	06/07/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.94	—	—	5.00E-02	mg/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.965	—	—	5.00E-02	mg/L	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.92	—	—	5.00E-02	mg/L	—	—	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	10/14/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.372	—	—	5.00E-02	ug/L	—	J+	11-159	CAPA-10-27392	GELC
R-32	8421	867.5	08/06/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.372	—	—	5.00E-02	ug/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	867.5	06/07/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.332	—	—	5.00E-02	ug/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.344	—	—	5.00E-02	ug/L	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.366	—	—	5.00E-02	ug/L	—	—	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	10/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.78	—	—	5.00E-02	mg/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	867.5	08/06/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.81	—	—	5.00E-02	mg/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	867.5	06/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.72	—	—	5.00E-02	mg/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.79	—	—	5.00E-02	mg/L	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.64	—	—	5.00E-02	mg/L	—	—	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	10/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.71	—	—	5.00E-02	mg/L	—	—	11-159	CAPA-10-27391	GELC
R-32	8421	867.5	08/06/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.85	—	—	5.00E-02	mg/L	—	—	10-4049	CAPA-10-24125	GELC
R-32	8421	867.5	06/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.77	—	—	5.00E-02	mg/L	—	—	10-3333	CAPA-10-17740	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.76	—	—	5.00E-02	mg/L	—	—	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	12/07/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.7	—	—	5.00E-02	mg/L	—	—	10-844	CAPA-10-6377	GELC
R-32	8421	867.5	10/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	1.00E-01	mg/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	867.5	08/06/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	1.00E-01	mg/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	867.5	06/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	1.00E-01	mg/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.3	—	—	1.00E-01	mg/L	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	1.00E-01	mg/L	—	—	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	10/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	1.00E-01	mg/L	—	—	11-159	CAPA-10-27391	GELC
R-32	8421	867.5	08/06/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	1.00E-01	mg/L	—	—	10-4049	CAPA-10-24125	GELC
R-32	8421	867.5	06/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.2	—	—	1.00E-01	mg/L	—	—	10-3333	CAPA-10-17740	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.3	—	—	1.00E-01	mg/L	—	—	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	12/07/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	1.00E-01	mg/L	—	—	10-844	CAPA-10-6377	GELC
R-32	8421	867.5	10/14/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	168	—	—	1.00E+00	uS/cm	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	867.5	08/06/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	169	—	—	1.00E+00	uS/cm	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	867.5	06/07/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	172	—	—	1.00E+00	uS/cm	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	163	—	—	1.00E+00	uS/cm	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	163	—	—	1.00E+00	uS/cm	—	—	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	10/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.25	—	—	1.00E-01	mg/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	867.5	08/06/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.1	—	—	1.00E-01	mg/L	—	J+	10-4049	CAPA-10-24123	GELC
R-32	8421	867.5	06/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.12	—	—	1.00E-01	mg/L	—	—	10-3333	CAPA-10-17741	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-32	8421	867.5	03/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.02	—	—	1.00E-01	mg/L	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.34	—	—	1.00E-01	mg/L	H	J-	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	10/14/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	148	—	—	2.40E+00	mg/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	867.5	08/06/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	157	—	—	2.40E+00	mg/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	867.5	06/07/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	149	—	—	2.40E+00	mg/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	156	—	—	2.40E+00	mg/L	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	141	—	—	2.40E+00	mg/L	—	—	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	10/14/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.26	—	—	3.30E-01	mg/L	—	—	11-159	CAPA-10-27391	GELC
R-32	8421	867.5	08/06/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.748	—	—	3.30E-01	mg/L	J	J	10-4048	CAPA-10-24125	GELC
R-32	8421	867.5	06/07/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.75	—	—	3.30E-01	mg/L	J	J	10-3333	CAPA-10-17740	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.16	—	—	3.30E-01	mg/L	—	—	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	12/07/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.401	—	—	3.30E-01	mg/L	J	J	10-844	CAPA-10-6377	GELC
R-32	8421	867.5	10/14/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.38	—	—	1.00E-02	SU	H	J-	11-159	CAPA-10-27392	GELC
R-32	8421	867.5	08/06/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.49	—	—	1.00E-02	SU	H	J-	10-4049	CAPA-10-24123	GELC
R-32	8421	867.5	06/07/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.57	—	—	1.00E-02	SU	H	J-	10-3333	CAPA-10-17741	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.38	—	—	1.00E-02	SU	H	J-	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.43	—	—	1.00E-02	SU	H	J-	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40.6	—	—	1.00E+00	ug/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	867.5	08/06/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40.3	—	—	1.00E+00	ug/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	867.5	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40.6	—	—	1.00E+00	ug/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	42.7	—	—	1.00E+00	ug/L	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	41	—	—	1.00E+00	ug/L	—	—	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	39.4	—	—	1.00E+00	ug/L	—	—	11-159	CAPA-10-27391	GELC
R-32	8421	867.5	08/06/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	41.2	—	—	1.00E+00	ug/L	—	—	10-4049	CAPA-10-24125	GELC
R-32	8421	867.5	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	44.2	—	—	1.00E+00	ug/L	—	—	10-3333	CAPA-10-17740	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	42.7	—	—	1.00E+00	ug/L	—	—	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	12/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	41.6	—	—	1.00E+00	ug/L	—	—	10-844	CAPA-10-6377	GELC
R-32	8421	867.5	10/14/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.15	—	—	1.00E-01	ug/L	—	J	11-159	CAPA-10-27392	GELC
R-32	8421	867.5	08/06/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.23	—	—	1.00E-01	ug/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	867.5	06/07/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2	—	—	1.00E-01	ug/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.34	—	—	1.00E-01	ug/L	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.19	—	—	1.00E-01	ug/L	—	—	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	10/14/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.2	—	—	1.00E-01	ug/L	—	J	11-159	CAPA-10-27391	GELC
R-32	8421	867.5	08/06/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.19	—	—	1.00E-01	ug/L	—	—	10-4049	CAPA-10-24125	GELC
R-32	8421	867.5	06/07/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.13	—	—	1.00E-01	ug/L	—	—	10-3333	CAPA-10-17740	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.4	—	—	1.00E-01	ug/L	—	—	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	12/07/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.11	—	—	1.00E-01	ug/L	—	—	10-844	CAPA-10-6377	GELC
R-32	8421	867.5	10/14/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.06	—	—	5.00E-01	ug/L	J	J	11-159	CAPA-10-27392	GELC
R-32	8421	867.5	08/06/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.26	—	—	5.00E-01	ug/L	J	J	10-4049	CAPA-10-24123	GELC
R-32	8421	867.5	06/07/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.63	—	—	5.00E-01	ug/L	J	J	10-3333	CAPA-10-17741	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.49	—	—	5.00E-01	ug/L	J	J	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.64	—	—	5.00E-01	ug/L	J	J	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	10/14/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.04	—	—	5.00E-01	ug/L	J	J	11-159	CAPA-10-27391	GELC
R-32	8421	867.5	08/06/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.34	—	—	5.00E-01	ug/L	J	J	10-4049	CAPA-10-24125	GELC
R-32	8421	867.5	06/07/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.98	—	—	5.00E-01	ug/L	J	J	10-3333	CAPA-10-17740	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.58	—	—	5.00E-01	ug/L	J	J	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	12/07/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.57	—	—	5.00E-01	ug/L	J	J	10-844	CAPA-10-6377	GELC
R-32	8421	867.5	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	65	—	—	5.30E-02	mg/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	867.5	08/06/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64	—	—	5.30E-02	mg/L	N	J+	10-4049	CAPA-10-24123	GELC
R-32	8421	867.5	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64.5	—	—	5.30E-02	mg/L	—	—	10-3333	CAPA-10-17741	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-32	8421	867.5	03/09/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	68.3	—	—	5.30E-02	mg/L	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64.6	—	—	5.30E-02	mg/L	—	—	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	77.7	—	—	1.00E+00	ug/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	867.5	08/06/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	77	—	—	1.00E+00	ug/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	867.5	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	76.3	—	—	1.00E+00	ug/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	79.7	—	—	1.00E+00	ug/L	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	74.6	—	—	1.00E+00	ug/L	—	—	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	77	—	—	1.00E+00	ug/L	—	—	11-159	CAPA-10-27391	GELC
R-32	8421	867.5	08/06/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	78.6	—	—	1.00E+00	ug/L	—	—	10-4049	CAPA-10-24125	GELC
R-32	8421	867.5	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	81.2	—	—	1.00E+00	ug/L	—	—	10-3333	CAPA-10-17740	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	79.9	—	—	1.00E+00	ug/L	—	—	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	12/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	77.7	—	—	1.00E+00	ug/L	—	—	10-844	CAPA-10-6377	GELC
R-32	8421	867.5	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	—	2.91	—	—	2.50E+00	ug/L	J	J	11-159	CAPA-10-27392	GELC
R-32	8421	867.5	08/06/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-4049	CAPA-10-24123	GELC
R-32	8421	867.5	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-3333	CAPA-10-17741	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	—	3.46	—	—	2.50E+00	ug/L	J	J	11-159	CAPA-10-27391	GELC
R-32	8421	867.5	08/06/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-4049	CAPA-10-24125	GELC
R-32	8421	867.5	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-3333	CAPA-10-17740	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	12/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	10-844	CAPA-10-6377	GELC
R-32	8421	867.5	10/14/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.649	—	—	5.00E-02	ug/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	867.5	08/06/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.647	—	—	5.00E-02	ug/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	867.5	06/07/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.586	—	—	5.00E-02	ug/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.675	—	—	5.00E-02	ug/L	—	U	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.666	—	—	5.00E-02	ug/L	—	—	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	10/14/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.677	—	—	5.00E-02	ug/L	—	—	11-159	CAPA-10-27391	GELC
R-32	8421	867.5	08/06/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.659	—	—	5.00E-02	ug/L	—	—	10-4049	CAPA-10-24125	GELC
R-32	8421	867.5	06/07/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.708	—	—	5.00E-02	ug/L	—	—	10-3333	CAPA-10-17740	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.731	—	—	5.00E-02	ug/L	—	U	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	12/07/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.644	—	—	5.00E-02	ug/L	—	—	10-844	CAPA-10-6377	GELC
R-32	8421	867.5	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.55	—	—	1.00E+00	ug/L	J	J	11-159	CAPA-10-27392	GELC
R-32	8421	867.5	08/06/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.23	—	—	1.00E+00	ug/L	J	J	10-4049	CAPA-10-24123	GELC
R-32	8421	867.5	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.74	—	—	1.00E+00	ug/L	J	J	10-3333	CAPA-10-17741	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.73	—	—	1.00E+00	ug/L	J	J	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.72	—	—	1.00E+00	ug/L	J	J	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.37	—	—	1.00E+00	ug/L	J	J	11-159	CAPA-10-27391	GELC
R-32	8421	867.5	08/06/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.38	—	—	1.00E+00	ug/L	J	J	10-4049	CAPA-10-24125	GELC
R-32	8421	867.5	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.12	—	—	1.00E+00	ug/L	J	J	10-3333	CAPA-10-17740	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.95	—	—	1.00E+00	ug/L	J	J	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	12/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.67	—	—	1.00E+00	ug/L	J	J	10-844	CAPA-10-6377	GELC
R-32	8421	867.5	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	43.5	—	—	3.30E+00	ug/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	867.5	08/06/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	41.9	—	—	3.30E+00	ug/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	867.5	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	42.3	—	—	3.30E+00	ug/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	33	—	—	3.30E+00	ug/L	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	29.2	—	—	3.30E+00	ug/L	—	—	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	43.6	—	—	3.30E+00	ug/L	—	—	11-159	CAPA-10-27391	GELC
R-32	8421	867.5	08/06/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	42.2	—	—	3.30E+00	ug/L	—	—	10-4049	CAPA-10-24125	GELC
R-32	8421	867.5	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	59.6	—	—	3.30E+00	ug/L	—	—	10-3333	CAPA-10-17740	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	37.4	—	—	3.30E+00	ug/L	—	—	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	12/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	30.7	—	—	3.30E+00	ug/L	—	—	10-844	CAPA-10-6377	GELC
R-32	8421	867.5	10/14/10	WG	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	—	96.3	—	—	2.10E+00	ug/L	—	—	11-159	CAPA-10-27391	GELC
R-32	8421	867.5	08/06/10	WG	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	<	11	—	—	2.20E+00	ug/L	U	U	10-4048	CAPA-10-24125	GELC
R-32	8421	867.5	06/07/10	WG	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	<	10.5	—	—	2.10E+00	ug/L	U	U	10-3332	CAPA-10-17740	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	<	10.6	—	—	2.10E+00	ug/L	U	U	10-2392	CAPA-10-12837	GELC
R-32	8421	867.5	12/07/09	WG	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	<	10	—	—	2.00E+00	ug/L	U	U	10-844	CAPA-10-6377	GELC
R-37	8811	1026	10/14/10	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.4	—	—	7.30E-01	mg/L	—	—	11-156	CAPA-10-27398	GELC
R-37	8811	1026	10/14/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.3	—	—	7.30E-01	mg/L	—	—	11-156	CAPA-10-27395	GELC
R-37	8811	1026	08/10/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	62	—	—	7.30E-01	mg/L	—	—	10-4109	CAPA-10-24126	GELC
R-37	8811	1026	06/08/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.3	—	—	7.30E-01	mg/L	—	—	10-3331	CAPA-10-17953	GELC
R-37	8811	1026	03/03/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	64.8	—	—	7.30E-01	mg/L	—	—	10-2295	CAPA-10-13075	GELC
R-37	8811	1026	12/18/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	85.8	—	—	7.30E-01	mg/L	—	—	10-1021	CAPA-10-6827	GELC
R-37	8811	1026	10/14/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	12.1	—	—	5.00E-02	mg/L	—	—	11-156	CAPA-10-27398	GELC
R-37	8811	1026	10/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.9	—	—	5.00E-02	mg/L	—	—	11-156	CAPA-10-27395	GELC
R-37	8811	1026	08/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11	—	—	5.00E-02	mg/L	—	—	10-4109	CAPA-10-24126	GELC
R-37	8811	1026	06/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.5	—	—	5.00E-02	mg/L	—	—	10-3331	CAPA-10-17953	GELC
R-37	8811	1026	03/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.1	—	—	5.00E-02	mg/L	—	—	10-2295	CAPA-10-13075	GELC
R-37	8811	1026	12/18/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.4	—	—	5.00E-02	mg/L	—	—	10-1021	CAPA-10-6827	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	11.8	—	—	5.00E-02	mg/L	—	—	11-156	CAPA-10-27399	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.1	—	—	5.00E-02	mg/L	—	—	11-156	CAPA-10-27394	GELC
R-37	8811	1026	08/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.8	—	—	5.00E-02	mg/L	—	—	10-4109	CAPA-10-24128	GELC
R-37	8811	1026	06/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.9	—	—	5.00E-02	mg/L	—	—	10-3331	CAPA-10-17952	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.3	—	—	5.00E-02	mg/L	—	—	10-2295	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.4	—	—	5.00E-02	mg/L	—	—	10-1021	CAPA-10-6824	GELC
R-37	8811	1026	10/14/10	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	2.23	—	—	6.60E-02	mg/L	—	—	11-156	CAPA-10-27398	GELC
R-37	8811	1026	10/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.26	—	—	6.60E-02	mg/L	—	—	11-156	CAPA-10-27395	GELC
R-37	8811	1026	08/10/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.37	—	—	6.60E-02	mg/L	—	J+	10-4109	CAPA-10-24126	GELC
R-37	8811	1026	06/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.25	—	—	6.60E-02	mg/L	—	J	10-3331	CAPA-10-17953	GELC
R-37	8811	1026	03/03/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.28	—	—	6.60E-02	mg/L	—	—	10-2295	CAPA-10-13075	GELC
R-37	8811	1026	12/18/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.84	—	—	6.60E-02	mg/L	—	—	10-1021	CAPA-10-6827	GELC
R-37	8811	1026	10/14/10	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.254	—	—	3.30E-02	mg/L	—	—	11-156	CAPA-10-27398	GELC
R-37	8811	1026	10/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.256	—	—	3.30E-02	mg/L	—	—	11-156	CAPA-10-27395	GELC
R-37	8811	1026	08/10/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.298	—	—	3.30E-02	mg/L	—	—	10-4109	CAPA-10-24126	GELC
R-37	8811	1026	06/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.227	—	—	3.30E-02	mg/L	—	—	10-3331	CAPA-10-17953	GELC
R-37	8811	1026	03/03/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.307	—	—	3.30E-02	mg/L	—	—	10-2295	CAPA-10-13075	GELC
R-37	8811	1026	12/18/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.593	—	—	3.30E-02	mg/L	—	—	10-1021	CAPA-10-6827	GELC
R-37	8811	1026	10/14/10	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	42.3	—	—	3.50E-01	mg/L	—	—	11-156	CAPA-10-27398	GELC
R-37	8811	1026	10/14/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.5	—	—	3.50E-01	mg/L	—	—	11-156	CAPA-10-27395	GELC
R-37	8811	1026	08/10/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38.7	—	—	3.50E-01	mg/L	—	—	10-4109	CAPA-10-24126	GELC
R-37	8811	1026	06/08/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44	—	—	3.50E-01	mg/L	—	—	10-3331	CAPA-10-17953	GELC
R-37	8811	1026	03/03/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	48.7	—	—	3.50E-01	mg/L	—	—	10-2295	CAPA-10-13075	GELC
R-37	8811	1026	12/18/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	70.1	—	—	3.50E-01	mg/L	—	—	10-1021	CAPA-10-6827	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	41.3	—	—	3.50E-01	mg/L	—	—	11-156	CAPA-10-27399	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.3	—	—	3.50E-01	mg/L	—	—	11-156	CAPA-10-27394	GELC
R-37	8811	1026	08/10/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.5	—	—	3.50E-01	mg/L	—	—	10-4109	CAPA-10-24128	GELC
R-37	8811	1026	06/08/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.5	—	—	3.50E-01	mg/L	—	—	10-3331	CAPA-10-17952	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	49.5	—	—	3.50E-01	mg/L	—	—	10-2295	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	73	—	—	3.50E-01	mg/L	—	—	10-1021	CAPA-10-6824	GELC
R-37	8811	1026	10/14/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	2.93	—	—	8.50E-02	mg/L	—	—	11-156	CAPA-10-27398	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-37	8811	1026	10/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.83	—	—	8.50E-02	mg/L	—	—	11-156	CAPA-10-27395	GELC
R-37	8811	1026	08/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.72	—	—	8.50E-02	mg/L	—	—	10-4109	CAPA-10-24126	GELC
R-37	8811	1026	06/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.08	—	—	8.50E-02	mg/L	—	—	10-3331	CAPA-10-17953	GELC
R-37	8811	1026	03/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.28	—	—	8.50E-02	mg/L	—	—	10-2295	CAPA-10-13075	GELC
R-37	8811	1026	12/18/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.67	—	—	8.50E-02	mg/L	—	—	10-1021	CAPA-10-6827	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	2.87	—	—	8.50E-02	mg/L	—	—	11-156	CAPA-10-27399	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.96	—	—	8.50E-02	mg/L	—	—	11-156	CAPA-10-27394	GELC
R-37	8811	1026	08/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.92	—	—	8.50E-02	mg/L	—	—	10-4109	CAPA-10-24128	GELC
R-37	8811	1026	06/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.9	—	—	8.50E-02	mg/L	—	—	10-3331	CAPA-10-17952	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.38	—	—	8.50E-02	mg/L	—	—	10-2295	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.77	—	—	8.50E-02	mg/L	—	—	10-1021	CAPA-10-6824	GELC
R-37	8811	1026	10/14/10	WG	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.62	—	—	5.00E-02	mg/L	—	J	11-156	CAPA-10-27398	GELC
R-37	8811	1026	10/14/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.62	—	—	5.00E-02	mg/L	—	J	11-156	CAPA-10-27395	GELC
R-37	8811	1026	08/10/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.56	—	—	5.00E-02	mg/L	—	—	10-4109	CAPA-10-24126	GELC
R-37	8811	1026	06/08/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.58	—	—	5.00E-02	mg/L	—	—	10-3331	CAPA-10-17953	GELC
R-37	8811	1026	03/03/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.77	—	—	5.00E-02	mg/L	—	J+	10-2295	CAPA-10-13075	GELC
R-37	8811	1026	12/18/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.605	—	—	5.00E-02	mg/L	—	—	10-1021	CAPA-10-6827	GELC
R-37	8811	1026	10/14/10	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.347	—	—	5.00E-02	ug/L	—	J+	11-156	CAPA-10-27398	GELC
R-37	8811	1026	10/14/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.38	—	—	5.00E-02	ug/L	—	J+	11-156	CAPA-10-27395	GELC
R-37	8811	1026	08/10/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.371	—	—	5.00E-02	ug/L	—	—	10-4109	CAPA-10-24126	GELC
R-37	8811	1026	06/08/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.371	—	—	5.00E-02	ug/L	—	—	10-3331	CAPA-10-17953	GELC
R-37	8811	1026	03/03/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.372	—	—	5.00E-02	ug/L	—	—	10-2295	CAPA-10-13075	GELC
R-37	8811	1026	12/18/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.465	—	—	5.00E-02	ug/L	—	—	10-1021	CAPA-10-6827	GELC
R-37	8811	1026	10/14/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	1.85	—	—	5.00E-02	mg/L	—	—	11-156	CAPA-10-27398	GELC
R-37	8811	1026	10/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.78	—	—	5.00E-02	mg/L	—	—	11-156	CAPA-10-27395	GELC
R-37	8811	1026	08/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.7	—	—	5.00E-02	mg/L	—	—	10-4109	CAPA-10-24126	GELC
R-37	8811	1026	06/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.9	—	—	5.00E-02	mg/L	—	—	10-3331	CAPA-10-17953	GELC
R-37	8811	1026	03/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.84	—	—	5.00E-02	mg/L	—	—	10-2295	CAPA-10-13075	GELC
R-37	8811	1026	12/18/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.03	—	—	5.00E-02	mg/L	—	—	10-1021	CAPA-10-6827	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	1.83	—	—	5.00E-02	mg/L	—	—	11-156	CAPA-10-27399	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.85	—	—	5.00E-02	mg/L	—	—	11-156	CAPA-10-27394	GELC
R-37	8811	1026	08/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.77	—	—	5.00E-02	mg/L	—	—	10-4109	CAPA-10-24128	GELC
R-37	8811	1026	06/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.78	—	—	5.00E-02	mg/L	—	—	10-3331	CAPA-10-17952	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.88	—	—	5.00E-02	mg/L	—	—	10-2295	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.14	—	—	5.00E-02	mg/L	—	—	10-1021	CAPA-10-6824	GELC
R-37	8811	1026	10/14/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	1.00E-01	mg/L	—	—	11-156	CAPA-10-27398	GELC
R-37	8811	1026	10/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	1.00E-01	mg/L	—	—	11-156	CAPA-10-27395	GELC
R-37	8811	1026	08/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	1.00E-01	mg/L	—	—	10-4109	CAPA-10-24126	GELC
R-37	8811	1026	06/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.4	—	—	1.00E-01	mg/L	—	—	10-3331	CAPA-10-17953	GELC
R-37	8811	1026	03/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.1	—	—	1.00E-01	mg/L	—	—	10-2295	CAPA-10-13075	GELC
R-37	8811	1026	12/18/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.7	—	—	1.00E-01	mg/L	—	—	10-1021	CAPA-10-6827	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	11.2	—	—	1.00E-01	mg/L	—	—	11-156	CAPA-10-27399	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.3	—	—	1.00E-01	mg/L	—	—	11-156	CAPA-10-27394	GELC
R-37	8811	1026	08/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	1.00E-01	mg/L	—	—	10-4109	CAPA-10-24128	GELC
R-37	8811	1026	06/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	1.00E-01	mg/L	—	—	10-3331	CAPA-10-17952	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.3	—	—	1.00E-01	mg/L	—	—	10-2295	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.2	—	—	1.00E-01	mg/L	—	—	10-1021	CAPA-10-6824	GELC
R-37	8811	1026	10/14/10	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	135	—	—	1.00E+00	uS/cm	—	—	11-156	CAPA-10-27398	GELC
R-37	8811	1026	10/14/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	136	—	—	1.00E+00	uS/cm	—	—	11-156	CAPA-10-27395	GELC
R-37	8811	1026	08/10/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	133	—	—	1.00E+00	uS/cm	—	—	10-4109	CAPA-10-24126	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-37	8811	1026	06/08/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	140	—	—	1.00E+00	uS/cm	—	—	10-3331	CAPA-10-17953	GELC
R-37	8811	1026	03/03/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	152	—	—	1.00E+00	uS/cm	—	—	10-2295	CAPA-10-13075	GELC
R-37	8811	1026	12/18/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	206	—	—	1.00E+00	uS/cm	—	—	10-1021	CAPA-10-6827	GELC
R-37	8811	1026	10/14/10	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	2.76	—	—	1.00E-01	mg/L	—	—	11-156	CAPA-10-27398	GELC
R-37	8811	1026	10/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.77	—	—	1.00E-01	mg/L	—	—	11-156	CAPA-10-27395	GELC
R-37	8811	1026	08/10/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.94	—	—	1.00E-01	mg/L	—	—	10-4109	CAPA-10-24126	GELC
R-37	8811	1026	06/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.14	—	—	1.00E-01	mg/L	—	—	10-3331	CAPA-10-17953	GELC
R-37	8811	1026	03/03/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.09	—	—	1.00E-01	mg/L	—	—	10-2295	CAPA-10-13075	GELC
R-37	8811	1026	12/18/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.86	—	—	1.00E-01	mg/L	—	—	10-1021	CAPA-10-6827	GELC
R-37	8811	1026	10/14/10	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	129	—	—	2.40E+00	mg/L	—	—	11-156	CAPA-10-27398	GELC
R-37	8811	1026	10/14/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	2.40E+00	mg/L	—	—	11-156	CAPA-10-27395	GELC
R-37	8811	1026	08/10/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	141	—	—	2.40E+00	mg/L	—	—	10-4109	CAPA-10-24126	GELC
R-37	8811	1026	06/08/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	135	—	—	2.40E+00	mg/L	—	—	10-3331	CAPA-10-17953	GELC
R-37	8811	1026	03/03/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	143	—	—	2.40E+00	mg/L	—	—	10-2295	CAPA-10-13075	GELC
R-37	8811	1026	12/18/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	144	—	—	2.40E+00	mg/L	—	—	10-1021	CAPA-10-6827	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	0.784	—	—	3.30E-01	mg/L	J	J	11-156	CAPA-10-27399	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.771	—	—	3.30E-01	mg/L	J	J	11-156	CAPA-10-27394	GELC
R-37	8811	1026	08/10/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.341	—	—	3.30E-01	mg/L	J	J	10-4109	CAPA-10-24128	GELC
R-37	8811	1026	06/08/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.413	—	—	3.30E-01	mg/L	J	J	10-3331	CAPA-10-17952	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.771	—	—	3.30E-01	mg/L	J	J	10-2294	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	10-1020	CAPA-10-6824	GELC
R-37	8811	1026	10/14/10	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	8.06	—	—	1.00E-02	SU	H	J-	11-156	CAPA-10-27398	GELC
R-37	8811	1026	10/14/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.06	—	—	1.00E-02	SU	H	J-	11-156	CAPA-10-27395	GELC
R-37	8811	1026	08/10/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.96	—	—	1.00E-02	SU	H	J-	10-4109	CAPA-10-24126	GELC
R-37	8811	1026	06/08/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.08	—	—	1.00E-02	SU	H	J-	10-3331	CAPA-10-17953	GELC
R-37	8811	1026	03/03/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.12	—	—	1.00E-02	SU	H	J-	10-2295	CAPA-10-13075	GELC
R-37	8811	1026	12/18/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.06	—	—	1.00E-02	SU	H	J-	10-1021	CAPA-10-6827	GELC
R-37	8811	1026	08/10/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-4109	CAPA-10-24126	GELC
R-37	8811	1026	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-3331	CAPA-10-17953	GELC
R-37	8811	1026	03/03/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	UN*	J+	10-2295	CAPA-10-13075	GELC
R-37	8811	1026	12/18/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-1021	CAPA-10-6827	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	FD	Metals	SW-846:6010B	Aluminum	—	245	—	—	6.80E+01	ug/L	—	—	11-156	CAPA-10-27399	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	111	—	—	6.80E+01	ug/L	J	J	11-156	CAPA-10-27394	GELC
R-37	8811	1026	08/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	267	—	—	6.80E+01	ug/L	—	—	10-4109	CAPA-10-24128	GELC
R-37	8811	1026	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	166	—	—	6.80E+01	ug/L	J	J	10-3331	CAPA-10-17952	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	75.6	—	—	6.80E+01	ug/L	JN*	J+	10-2295	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	134	—	—	6.80E+01	ug/L	J	J	10-1021	CAPA-10-6824	GELC
R-37	8811	1026	10/14/10	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	30.4	—	—	1.00E+00	ug/L	—	—	11-156	CAPA-10-27398	GELC
R-37	8811	1026	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	29.7	—	—	1.00E+00	ug/L	—	—	11-156	CAPA-10-27395	GELC
R-37	8811	1026	08/10/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	28.4	—	—	1.00E+00	ug/L	—	—	10-4109	CAPA-10-24126	GELC
R-37	8811	1026	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	31.6	—	—	1.00E+00	ug/L	—	—	10-3331	CAPA-10-17953	GELC
R-37	8811	1026	03/03/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	29.1	—	—	1.00E+00	ug/L	—	—	10-2295	CAPA-10-13075	GELC
R-37	8811	1026	12/18/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	30.9	—	—	1.00E+00	ug/L	—	—	10-1021	CAPA-10-6827	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	32.9	—	—	1.00E+00	ug/L	—	—	11-156	CAPA-10-27399	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	31.7	—	—	1.00E+00	ug/L	—	—	11-156	CAPA-10-27394	GELC
R-37	8811	1026	08/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	33.8	—	—	1.00E+00	ug/L	—	—	10-4109	CAPA-10-24128	GELC
R-37	8811	1026	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	31.6	—	—	1.00E+00	ug/L	—	—	10-3331	CAPA-10-17952	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	30.4	—	—	1.00E+00	ug/L	—	—	10-2295	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	32.1	—	—	1.00E+00	ug/L	—	—	10-1021	CAPA-10-6824	GELC
R-37	8811	1026	08/10/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-4109	CAPA-10-24126	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-37	8811	1026	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-3331	CAPA-10-17953	GELC
R-37	8811	1026	03/03/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	16.3	—	—	1.50E+01	ug/L	J	J	10-2295	CAPA-10-13075	GELC
R-37	8811	1026	12/18/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	21.6	—	—	1.50E+01	ug/L	J	J	10-1021	CAPA-10-6827	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.2	—	—	1.50E+01	ug/L	J	J	11-156	CAPA-10-27394	GELC
R-37	8811	1026	08/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-4109	CAPA-10-24128	GELC
R-37	8811	1026	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-3331	CAPA-10-17952	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.1	—	—	1.50E+01	ug/L	J	J	10-2295	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	22.7	—	—	1.50E+01	ug/L	J	J	10-1021	CAPA-10-6824	GELC
R-37	8811	1026	10/14/10	WG	F	CS	FD	Metals	SW-846:6020	Chromium	—	3.54	—	—	2.50E+00	ug/L	J	J	11-156	CAPA-10-27398	GELC
R-37	8811	1026	10/14/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.43	—	—	2.50E+00	ug/L	J	J	11-156	CAPA-10-27395	GELC
R-37	8811	1026	08/10/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.36	—	—	2.50E+00	ug/L	J	J	10-4109	CAPA-10-24126	GELC
R-37	8811	1026	06/08/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	4.03	—	—	2.50E+00	ug/L	J	U	10-3331	CAPA-10-17953	GELC
R-37	8811	1026	03/03/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	6.6	—	—	2.50E+00	ug/L	J	U	10-2295	CAPA-10-13075	GELC
R-37	8811	1026	12/18/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-1021	CAPA-10-6827	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	FD	Metals	SW-846:6020	Chromium	—	35.6	—	—	2.50E+00	ug/L	—	—	11-156	CAPA-10-27399	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	21.5	—	—	2.50E+00	ug/L	—	—	11-156	CAPA-10-27394	GELC
R-37	8811	1026	08/10/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	7.29	—	—	2.50E+00	ug/L	J	J	10-4109	CAPA-10-24128	GELC
R-37	8811	1026	06/08/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	5.17	—	—	2.50E+00	ug/L	J	U	10-3331	CAPA-10-17952	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	7.09	—	—	2.50E+00	ug/L	J	U	10-2295	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-1021	CAPA-10-6824	GELC
R-37	8811	1026	08/10/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-4109	CAPA-10-24126	GELC
R-37	8811	1026	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-3331	CAPA-10-17953	GELC
R-37	8811	1026	03/03/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U*	UJ	10-2295	CAPA-10-13075	GELC
R-37	8811	1026	12/18/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-1021	CAPA-10-6827	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	FD	Metals	SW-846:6010B	Iron	—	328	—	—	3.00E+01	ug/L	—	—	11-156	CAPA-10-27399	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	163	—	—	3.00E+01	ug/L	—	—	11-156	CAPA-10-27394	GELC
R-37	8811	1026	08/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	272	—	—	3.00E+01	ug/L	—	—	10-4109	CAPA-10-24128	GELC
R-37	8811	1026	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	168	—	—	3.00E+01	ug/L	—	—	10-3331	CAPA-10-17952	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	123	—	—	3.00E+01	ug/L	*	J	10-2295	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	109	—	—	3.00E+01	ug/L	—	—	10-1021	CAPA-10-6824	GELC
R-37	8811	1026	08/10/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-4109	CAPA-10-24126	GELC
R-37	8811	1026	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-3331	CAPA-10-17953	GELC
R-37	8811	1026	03/03/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.26	—	—	2.00E+00	ug/L	J	J	10-2295	CAPA-10-13075	GELC
R-37	8811	1026	12/18/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-1021	CAPA-10-6827	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	FD	Metals	SW-846:6010B	Manganese	—	5	—	—	2.00E+00	ug/L	J	J	11-156	CAPA-10-27399	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.39	—	—	2.00E+00	ug/L	J	J	11-156	CAPA-10-27394	GELC
R-37	8811	1026	08/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5.55	—	—	2.00E+00	ug/L	J	J	10-4109	CAPA-10-24128	GELC
R-37	8811	1026	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.91	—	—	2.00E+00	ug/L	J	J	10-3331	CAPA-10-17952	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.63	—	—	2.00E+00	ug/L	J	J	10-2295	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-1021	CAPA-10-6824	GELC
R-37	8811	1026	10/14/10	WG	F	CS	FD	Metals	SW-846:6020	Molybdenum	—	1.63	—	—	1.00E-01	ug/L	—	J	11-156	CAPA-10-27398	GELC
R-37	8811	1026	10/14/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.58	—	—	1.00E-01	ug/L	—	J	11-156	CAPA-10-27395	GELC
R-37	8811	1026	08/10/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.56	—	—	1.00E-01	ug/L	—	—	10-4109	CAPA-10-24126	GELC
R-37	8811	1026	06/08/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.51	—	—	1.00E-01	ug/L	—	—	10-3331	CAPA-10-17953	GELC
R-37	8811	1026	03/03/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.23	—	—	1.00E-01	ug/L	—	—	10-2295	CAPA-10-13075	GELC
R-37	8811	1026	12/18/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.17	—	—	1.00E-01	ug/L	—	—	10-1021	CAPA-10-6827	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	FD	Metals	SW-846:6020	Molybdenum	—	1.84	—	—	1.00E-01	ug/L	—	J	11-156	CAPA-10-27399	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.77	—	—	1.00E-01	ug/L	—	J	11-156	CAPA-10-27394	GELC
R-37	8811	1026	08/10/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.71	—	—	1.00E-01	ug/L	—	—	10-4109	CAPA-10-24128	GELC
R-37	8811	1026	06/08/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.55	—	—	1.00E-01	ug/L	—	—	10-3331	CAPA-10-17952	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-37	8811	1026	03/03/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.27	—	—	1.00E-01	ug/L	—	—	10-2295	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.2	—	—	1.00E-01	ug/L	—	—	10-1021	CAPA-10-6824	GELC
R-37	8811	1026	10/14/10	WG	F	CS	FD	Metals	SW-846:6020	Nickel	—	0.771	—	—	5.00E-01	ug/L	J	J	11-156	CAPA-10-27398	GELC
R-37	8811	1026	10/14/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.732	—	—	5.00E-01	ug/L	J	J	11-156	CAPA-10-27395	GELC
R-37	8811	1026	08/10/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.883	—	—	5.00E-01	ug/L	J	J	10-4109	CAPA-10-24126	GELC
R-37	8811	1026	06/08/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.24	—	—	5.00E-01	ug/L	J	J	10-3331	CAPA-10-17953	GELC
R-37	8811	1026	03/03/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.27	—	—	5.00E-01	ug/L	J	J	10-2295	CAPA-10-13075	GELC
R-37	8811	1026	12/18/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.718	—	—	5.00E-01	ug/L	J	J	10-1021	CAPA-10-6827	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	FD	Metals	SW-846:6020	Nickel	—	15.6	—	—	5.00E-01	ug/L	—	—	11-156	CAPA-10-27399	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	9.65	—	—	5.00E-01	ug/L	—	—	11-156	CAPA-10-27394	GELC
R-37	8811	1026	08/10/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.2	—	—	5.00E-01	ug/L	—	—	10-4109	CAPA-10-24128	GELC
R-37	8811	1026	06/08/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.37	—	—	5.00E-01	ug/L	J	J	10-3331	CAPA-10-17952	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.08	—	—	5.00E-01	ug/L	J	J	10-2295	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.04	—	—	5.00E-01	ug/L	J	J	10-1021	CAPA-10-6824	GELC
R-37	8811	1026	10/14/10	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	69.8	—	—	5.30E-02	mg/L	—	—	11-156	CAPA-10-27398	GELC
R-37	8811	1026	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	68.7	—	—	5.30E-02	mg/L	—	—	11-156	CAPA-10-27395	GELC
R-37	8811	1026	08/10/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	63	—	—	5.30E-02	mg/L	—	—	10-4109	CAPA-10-24126	GELC
R-37	8811	1026	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.5	—	—	5.30E-02	mg/L	—	—	10-3331	CAPA-10-17953	GELC
R-37	8811	1026	03/03/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	62.6	—	—	5.30E-02	mg/L	—	—	10-2295	CAPA-10-13075	GELC
R-37	8811	1026	12/18/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	55.7	—	—	5.30E-02	mg/L	—	—	10-1021	CAPA-10-6827	GELC
R-37	8811	1026	10/14/10	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	54.7	—	—	1.00E+00	ug/L	—	—	11-156	CAPA-10-27398	GELC
R-37	8811	1026	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	53.8	—	—	1.00E+00	ug/L	—	—	11-156	CAPA-10-27395	GELC
R-37	8811	1026	08/10/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	50.6	—	—	1.00E+00	ug/L	—	—	10-4109	CAPA-10-24126	GELC
R-37	8811	1026	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	56.7	—	—	1.00E+00	ug/L	—	—	10-3331	CAPA-10-17953	GELC
R-37	8811	1026	03/03/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	64.8	—	—	1.00E+00	ug/L	—	—	10-2295	CAPA-10-13075	GELC
R-37	8811	1026	12/18/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	94.6	—	—	1.00E+00	ug/L	—	—	10-1021	CAPA-10-6827	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	53.6	—	—	1.00E+00	ug/L	—	—	11-156	CAPA-10-27399	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	54	—	—	1.00E+00	ug/L	—	—	11-156	CAPA-10-27394	GELC
R-37	8811	1026	08/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	54	—	—	1.00E+00	ug/L	—	—	10-4109	CAPA-10-24128	GELC
R-37	8811	1026	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53.6	—	—	1.00E+00	ug/L	—	—	10-3331	CAPA-10-17952	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	65.8	—	—	1.00E+00	ug/L	—	—	10-2295	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	99.1	—	—	1.00E+00	ug/L	—	—	10-1021	CAPA-10-6824	GELC
R-37	8811	1026	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	—	3.65	—	—	2.50E+00	ug/L	J	J	11-156	CAPA-10-27395	GELC
R-37	8811	1026	08/10/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-4109	CAPA-10-24126	GELC
R-37	8811	1026	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-3331	CAPA-10-17953	GELC
R-37	8811	1026	03/03/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-2295	CAPA-10-13075	GELC
R-37	8811	1026	12/18/09	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	10-1021	CAPA-10-6827	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	—	3.53	—	—	2.50E+00	ug/L	J	J	11-156	CAPA-10-27394	GELC
R-37	8811	1026	08/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-4109	CAPA-10-24128	GELC
R-37	8811	1026	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-3331	CAPA-10-17952	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-2295	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	10-1021	CAPA-10-6824	GELC
R-37	8811	1026	10/14/10	WG	F	CS	FD	Metals	SW-846:6020	Uranium	—	0.497	—	—	5.00E-02	ug/L	—	—	11-156	CAPA-10-27398	GELC
R-37	8811	1026	10/14/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.493	—	—	5.00E-02	ug/L	—	—	11-156	CAPA-10-27395	GELC
R-37	8811	1026	08/10/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.484	—	—	5.00E-02	ug/L	—	—	10-4109	CAPA-10-24126	GELC
R-37	8811	1026	06/08/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.436	—	—	5.00E-02	ug/L	—	—	10-3331	CAPA-10-17953	GELC
R-37	8811	1026	03/03/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.618	—	—	5.00E-02	ug/L	—	—	10-2295	CAPA-10-13075	GELC
R-37	8811	1026	12/18/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.75	—	—	5.00E-02	ug/L	—	—	10-1021	CAPA-10-6827	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	FD	Metals	SW-846:6020	Uranium	—	0.522	—	—	5.00E-02	ug/L	—	—	11-156	CAPA-10-27399	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.51	—	—	5.00E-02	ug/L	—	—	11-156	CAPA-10-27394	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-37	8811	1026	08/10/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.545	—	—	5.00E-02	ug/L	—	—	10-4109	CAPA-10-24128	GELC
R-37	8811	1026	06/08/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.475	—	—	5.00E-02	ug/L	—	—	10-3331	CAPA-10-17952	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.637	—	—	5.00E-02	ug/L	—	—	10-2295	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.8	—	—	5.00E-02	ug/L	—	—	10-1021	CAPA-10-6824	GELC
R-37	8811	1026	10/14/10	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	5.77	—	—	1.00E+00	ug/L	—	—	11-156	CAPA-10-27398	GELC
R-37	8811	1026	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.03	—	—	1.00E+00	ug/L	—	—	11-156	CAPA-10-27395	GELC
R-37	8811	1026	08/10/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.19	—	—	1.00E+00	ug/L	—	—	10-4109	CAPA-10-24126	GELC
R-37	8811	1026	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.9	—	—	1.00E+00	ug/L	—	—	10-3331	CAPA-10-17953	GELC
R-37	8811	1026	03/03/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.67	—	—	1.00E+00	ug/L	—	—	10-2295	CAPA-10-13075	GELC
R-37	8811	1026	12/18/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.74	—	—	1.00E+00	ug/L	—	—	10-1021	CAPA-10-6827	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	6.07	—	—	1.00E+00	ug/L	—	—	11-156	CAPA-10-27399	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.99	—	—	1.00E+00	ug/L	—	—	11-156	CAPA-10-27394	GELC
R-37	8811	1026	08/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.78	—	—	1.00E+00	ug/L	—	—	10-4109	CAPA-10-24128	GELC
R-37	8811	1026	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.91	—	—	1.00E+00	ug/L	—	—	10-3331	CAPA-10-17952	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.78	—	—	1.00E+00	ug/L	—	—	10-2295	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.67	—	—	1.00E+00	ug/L	—	—	10-1021	CAPA-10-6824	GELC
R-37	8811	1026	08/10/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-4109	CAPA-10-24126	GELC
R-37	8811	1026	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-3331	CAPA-10-17953	GELC
R-37	8811	1026	03/03/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-2295	CAPA-10-13075	GELC
R-37	8811	1026	12/18/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.73	—	—	3.30E+00	ug/L	J	J	10-1021	CAPA-10-6827	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	FD	Metals	SW-846:6010B	Zinc	—	16.2	—	—	3.30E+00	ug/L	—	—	11-156	CAPA-10-27399	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	12.7	—	—	3.30E+00	ug/L	—	—	11-156	CAPA-10-27394	GELC
R-37	8811	1026	08/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	11.6	—	—	3.30E+00	ug/L	—	—	10-4109	CAPA-10-24128	GELC
R-37	8811	1026	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	12.6	—	—	3.30E+00	ug/L	—	U	10-3331	CAPA-10-17952	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	9.77	—	—	3.30E+00	ug/L	J	J	10-2295	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	8.99	—	—	3.30E+00	ug/L	J	J	10-1021	CAPA-10-6824	GELC
R-37	8811	1026	10/14/10	WG	UF	CS	FB	SVOA	SW-846:8270C	Diethylphthalate	—	17.7	—	—	2.10E+00	ug/L	—	—	11-156	CAPA-10-27397	GELC
R-37	8811	1026	08/10/10	WG	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	<	11.2	—	—	2.30E+00	ug/L	U	U	10-4108	CAPA-10-24128	GELC
R-37	8811	1026	06/08/10	WG	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	<	10.5	—	—	2.10E+00	ug/L	U	U	10-3330	CAPA-10-17952	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	<	10.5	—	—	2.10E+00	ug/L	U	U	10-2294	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	<	10.8	—	—	2.20E+00	ug/L	U	U	10-1020	CAPA-10-6824	GELC
R-37	8821	929.3	10/12/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	94.8	—	—	7.30E-01	mg/L	—	—	11-128	CAPA-10-26915	GELC
R-37	8821	929.3	08/05/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	98	—	—	7.30E-01	mg/L	—	—	10-4011	CAPA-10-24067	GELC
R-37	8821	929.3	06/16/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	102	—	—	7.30E-01	mg/L	—	—	10-3441	CAPA-10-17948	GELC
R-37	8821	929.3	03/02/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	94.3	—	—	7.30E-01	mg/L	—	—	10-2249	CAPA-10-12857	GELC
R-37	8821	929.3	12/18/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	92.3	—	—	7.30E-01	mg/L	—	—	10-1021	CAPA-10-6821	GELC
R-37	8821	929.3	10/12/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.018	—	—	1.60E-02	mg/L	J	J-	11-128	CAPA-10-26915	GELC
R-37	8821	929.3	08/05/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	UJ	10-4011	CAPA-10-24067	GELC
R-37	8821	929.3	06/16/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.047	—	—	1.60E-02	mg/L	J	U	10-3441	CAPA-10-17948	GELC
R-37	8821	929.3	03/02/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.048	—	—	1.60E-02	mg/L	J	J-	10-2249	CAPA-10-12857	GELC
R-37	8821	929.3	12/18/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.022	—	—	1.60E-02	mg/L	J	U	10-1021	CAPA-10-6821	GELC
R-37	8821	929.3	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.2	—	—	5.00E-02	mg/L	—	—	11-128	CAPA-10-26915	GELC
R-37	8821	929.3	08/05/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.3	—	—	5.00E-02	mg/L	—	—	10-4011	CAPA-10-24067	GELC
R-37	8821	929.3	06/16/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.6	—	—	5.00E-02	mg/L	—	—	10-3441	CAPA-10-17948	GELC
R-37	8821	929.3	03/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.3	—	—	5.00E-02	mg/L	—	—	10-2249	CAPA-10-12857	GELC
R-37	8821	929.3	12/18/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.2	—	—	5.00E-02	mg/L	—	—	10-1021	CAPA-10-6821	GELC
R-37	8821	929.3	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.2	—	—	5.00E-02	mg/L	—	—	11-128	CAPA-10-26914	GELC
R-37	8821	929.3	08/05/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.5	—	—	5.00E-02	mg/L	—	—	10-4011	CAPA-10-24066	GELC
R-37	8821	929.3	06/16/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.2	—	—	5.00E-02	mg/L	—	—	10-3441	CAPA-10-17949	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.1	—	—	5.00E-02	mg/L	—	—	10-2249	CAPA-10-12855	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-37	8821	929.3	12/18/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	24	—	—	5.00E-02	mg/L	—	—	10-1021	CAPA-10-6823	GELC
R-37	8821	929.3	10/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.61	—	—	6.60E-02	mg/L	—	—	11-128	CAPA-10-26915	GELC
R-37	8821	929.3	08/05/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.57	—	—	6.60E-02	mg/L	—	—	10-4011	CAPA-10-24067	GELC
R-37	8821	929.3	06/16/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.47	—	—	6.60E-02	mg/L	—	—	10-3441	CAPA-10-17948	GELC
R-37	8821	929.3	03/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.31	—	—	6.60E-02	mg/L	—	—	10-2249	CAPA-10-12857	GELC
R-37	8821	929.3	12/18/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.18	—	—	6.60E-02	mg/L	—	—	10-1021	CAPA-10-6821	GELC
R-37	8821	929.3	10/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.524	—	—	3.30E-02	mg/L	—	—	11-128	CAPA-10-26915	GELC
R-37	8821	929.3	08/05/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.474	—	—	3.30E-02	mg/L	—	—	10-4011	CAPA-10-24067	GELC
R-37	8821	929.3	06/16/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.442	—	—	3.30E-02	mg/L	—	—	10-3441	CAPA-10-17948	GELC
R-37	8821	929.3	03/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.501	—	—	3.30E-02	mg/L	—	—	10-2249	CAPA-10-12857	GELC
R-37	8821	929.3	12/18/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.713	—	—	3.30E-02	mg/L	—	—	10-1021	CAPA-10-6821	GELC
R-37	8821	929.3	10/12/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	83.1	—	—	3.50E-01	mg/L	—	—	11-128	CAPA-10-26915	GELC
R-37	8821	929.3	08/05/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	87.2	—	—	3.50E-01	mg/L	—	—	10-4011	CAPA-10-24067	GELC
R-37	8821	929.3	06/16/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	83.9	—	—	3.50E-01	mg/L	—	—	10-3441	CAPA-10-17948	GELC
R-37	8821	929.3	03/02/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	87.3	—	—	3.50E-01	mg/L	—	—	10-2249	CAPA-10-12857	GELC
R-37	8821	929.3	12/18/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	79.6	—	—	3.50E-01	mg/L	—	—	10-1021	CAPA-10-6821	GELC
R-37	8821	929.3	10/12/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	83.3	—	—	3.50E-01	mg/L	—	—	11-128	CAPA-10-26914	GELC
R-37	8821	929.3	08/05/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	84.4	—	—	3.50E-01	mg/L	—	—	10-4011	CAPA-10-24066	GELC
R-37	8821	929.3	06/16/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	82.9	—	—	3.50E-01	mg/L	—	—	10-3441	CAPA-10-17949	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	86.7	—	—	3.50E-01	mg/L	—	—	10-2249	CAPA-10-12855	GELC
R-37	8821	929.3	12/18/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	82.3	—	—	3.50E-01	mg/L	—	—	10-1021	CAPA-10-6823	GELC
R-37	8821	929.3	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.5	—	—	8.50E-02	mg/L	—	—	11-128	CAPA-10-26915	GELC
R-37	8821	929.3	08/05/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.82	—	—	8.50E-02	mg/L	—	—	10-4011	CAPA-10-24067	GELC
R-37	8821	929.3	06/16/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.46	—	—	8.50E-02	mg/L	—	—	10-3441	CAPA-10-17948	GELC
R-37	8821	929.3	03/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.87	—	—	8.50E-02	mg/L	—	—	10-2249	CAPA-10-12857	GELC
R-37	8821	929.3	12/18/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.24	—	—	8.50E-02	mg/L	—	—	10-1021	CAPA-10-6821	GELC
R-37	8821	929.3	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.55	—	—	8.50E-02	mg/L	—	—	11-128	CAPA-10-26914	GELC
R-37	8821	929.3	08/05/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.64	—	—	8.50E-02	mg/L	—	—	10-4011	CAPA-10-24066	GELC
R-37	8821	929.3	06/16/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.46	—	—	8.50E-02	mg/L	—	—	10-3441	CAPA-10-17949	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.82	—	—	8.50E-02	mg/L	—	—	10-2249	CAPA-10-12855	GELC
R-37	8821	929.3	12/18/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.39	—	—	8.50E-02	mg/L	—	—	10-1021	CAPA-10-6823	GELC
R-37	8821	929.3	10/12/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.52	—	—	5.00E-02	mg/L	—	—	11-128	CAPA-10-26915	GELC
R-37	8821	929.3	08/05/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.492	—	—	5.00E-02	mg/L	—	—	10-4011	CAPA-10-24067	GELC
R-37	8821	929.3	06/16/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.489	—	—	5.00E-02	mg/L	—	—	10-3441	CAPA-10-17948	GELC
R-37	8821	929.3	03/02/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.5	—	—	5.00E-02	mg/L	—	—	10-2249	CAPA-10-12857	GELC
R-37	8821	929.3	12/18/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.71	—	—	5.00E-02	mg/L	—	—	10-1021	CAPA-10-6821	GELC
R-37	8821	929.3	10/12/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.52	—	—	5.00E-02	ug/L	—	J+	11-128	CAPA-10-26915	GELC
R-37	8821	929.3	08/05/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.547	—	—	5.00E-02	ug/L	—	—	10-4011	CAPA-10-24067	GELC
R-37	8821	929.3	06/16/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.492	—	—	5.00E-02	ug/L	—	—	10-3441	CAPA-10-17948	GELC
R-37	8821	929.3	03/02/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.49	—	—	5.00E-02	ug/L	—	—	10-2249	CAPA-10-12857	GELC
R-37	8821	929.3	12/18/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.576	—	—	5.00E-02	ug/L	—	—	10-1021	CAPA-10-6821	GELC
R-37	8821	929.3	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.69	—	—	5.00E-02	mg/L	—	—	11-128	CAPA-10-26915	GELC
R-37	8821	929.3	08/05/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.95	—	—	5.00E-02	mg/L	—	—	10-4011	CAPA-10-24067	GELC
R-37	8821	929.3	06/16/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.68	—	—	5.00E-02	mg/L	—	—	10-3441	CAPA-10-17948	GELC
R-37	8821	929.3	03/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.89	—	—	5.00E-02	mg/L	—	—	10-2249	CAPA-10-12857	GELC
R-37	8821	929.3	12/18/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.96	—	—	5.00E-02	mg/L	—	—	10-1021	CAPA-10-6821	GELC
R-37	8821	929.3	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.73	—	—	5.00E-02	mg/L	—	—	11-128	CAPA-10-26914	GELC
R-37	8821	929.3	08/05/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.85	—	—	5.00E-02	mg/L	—	—	10-4011	CAPA-10-24066	GELC
R-37	8821	929.3	06/16/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.65	—	—	5.00E-02	mg/L	—	—	10-3441	CAPA-10-17949	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.88	—	—	5.00E-02	mg/L	—	—	10-2249	CAPA-10-12855	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-37	8821	929.3	12/18/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.03	—	—	5.00E-02	mg/L	—	—	10-1021	CAPA-10-6823	GELC
R-37	8821	929.3	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15	—	—	1.00E-01	mg/L	—	—	11-128	CAPA-10-26915	GELC
R-37	8821	929.3	08/05/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.4	—	—	1.00E-01	mg/L	—	—	10-4011	CAPA-10-24067	GELC
R-37	8821	929.3	06/16/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.5	—	—	1.00E-01	mg/L	—	—	10-3441	CAPA-10-17948	GELC
R-37	8821	929.3	03/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.4	—	—	1.00E-01	mg/L	—	—	10-2249	CAPA-10-12857	GELC
R-37	8821	929.3	12/18/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15	—	—	1.00E-01	mg/L	—	—	10-1021	CAPA-10-6821	GELC
R-37	8821	929.3	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.9	—	—	1.00E-01	mg/L	—	—	11-128	CAPA-10-26914	GELC
R-37	8821	929.3	08/05/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.8	—	—	1.00E-01	mg/L	—	—	10-4011	CAPA-10-24066	GELC
R-37	8821	929.3	06/16/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.1	—	—	1.00E-01	mg/L	—	—	10-3441	CAPA-10-17949	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.2	—	—	1.00E-01	mg/L	—	—	10-2249	CAPA-10-12855	GELC
R-37	8821	929.3	12/18/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.2	—	—	1.00E-01	mg/L	—	—	10-1021	CAPA-10-6823	GELC
R-37	8821	929.3	10/12/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	238	—	—	1.00E+00	uS/cm	—	—	11-128	CAPA-10-26915	GELC
R-37	8821	929.3	08/05/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	236	—	—	1.00E+00	uS/cm	—	—	10-4011	CAPA-10-24067	GELC
R-37	8821	929.3	06/16/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	236	—	—	1.00E+00	uS/cm	—	—	10-3441	CAPA-10-17948	GELC
R-37	8821	929.3	03/02/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	221	—	—	1.00E+00	uS/cm	—	—	10-2249	CAPA-10-12857	GELC
R-37	8821	929.3	12/18/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	231	—	—	1.00E+00	uS/cm	—	—	10-1021	CAPA-10-6821	GELC
R-37	8821	929.3	10/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.83	—	—	1.00E-01	mg/L	—	—	11-128	CAPA-10-26915	GELC
R-37	8821	929.3	08/05/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.29	—	—	1.00E-01	mg/L	—	—	10-4011	CAPA-10-24067	GELC
R-37	8821	929.3	06/16/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.52	—	—	1.00E-01	mg/L	—	—	10-3441	CAPA-10-17948	GELC
R-37	8821	929.3	03/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.39	—	—	1.00E-01	mg/L	—	—	10-2249	CAPA-10-12857	GELC
R-37	8821	929.3	12/18/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.15	—	—	1.00E-01	mg/L	—	—	10-1021	CAPA-10-6821	GELC
R-37	8821	929.3	10/12/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	187	—	—	2.40E+00	mg/L	—	—	11-128	CAPA-10-26915	GELC
R-37	8821	929.3	08/05/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	182	—	—	2.40E+00	mg/L	—	—	10-4011	CAPA-10-24067	GELC
R-37	8821	929.3	06/16/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	186	—	—	2.40E+00	mg/L	—	J	10-3441	CAPA-10-17948	GELC
R-37	8821	929.3	03/02/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	182	—	—	2.40E+00	mg/L	—	—	10-2249	CAPA-10-12857	GELC
R-37	8821	929.3	12/18/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	156	—	—	2.40E+00	mg/L	—	—	10-1021	CAPA-10-6821	GELC
R-37	8821	929.3	10/12/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.13	—	—	3.30E-01	mg/L	—	—	11-127	CAPA-10-26914	GELC
R-37	8821	929.3	08/05/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.864	—	—	3.30E-01	mg/L	J	J	10-4011	CAPA-10-24066	GELC
R-37	8821	929.3	06/16/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.43	—	—	3.30E-01	mg/L	J	J	10-3442	CAPA-10-17949	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.961	—	—	3.30E-01	mg/L	J	J	10-2248	CAPA-10-12855	GELC
R-37	8821	929.3	12/18/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.16	—	—	3.30E-01	mg/L	—	—	10-1020	CAPA-10-6823	GELC
R-37	8821	929.3	10/12/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.12	—	—	1.00E-02	SU	H	J-	11-128	CAPA-10-26915	GELC
R-37	8821	929.3	08/05/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.1	—	—	1.00E-02	SU	H	J-	10-4011	CAPA-10-24067	GELC
R-37	8821	929.3	06/16/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.07	—	—	1.00E-02	SU	H	J-	10-3441	CAPA-10-17948	GELC
R-37	8821	929.3	03/02/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.15	—	—	1.00E-02	SU	H	J-	10-2249	CAPA-10-12857	GELC
R-37	8821	929.3	12/18/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8	—	—	1.00E-02	SU	H	J-	10-1021	CAPA-10-6821	GELC
R-37	8821	929.3	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	8.92	—	—	1.00E+00	ug/L	—	—	11-128	CAPA-10-26915	GELC
R-37	8821	929.3	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.68	—	—	1.00E+00	ug/L	—	—	10-4011	CAPA-10-24067	GELC
R-37	8821	929.3	06/16/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.22	—	—	1.00E+00	ug/L	—	—	10-3441	CAPA-10-17948	GELC
R-37	8821	929.3	03/02/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	10.1	—	—	1.00E+00	ug/L	—	—	10-2249	CAPA-10-12857	GELC
R-37	8821	929.3	12/18/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	18.4	—	—	1.00E+00	ug/L	—	—	10-1021	CAPA-10-6821	GELC
R-37	8821	929.3	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	9.33	—	—	1.00E+00	ug/L	—	—	11-128	CAPA-10-26914	GELC
R-37	8821	929.3	08/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	10.4	—	—	1.00E+00	ug/L	—	—	10-4011	CAPA-10-24066	GELC
R-37	8821	929.3	06/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	9.88	—	—	1.00E+00	ug/L	—	—	10-3441	CAPA-10-17949	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	10.1	—	—	1.00E+00	ug/L	—	—	10-2249	CAPA-10-12855	GELC
R-37	8821	929.3	12/18/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	18.4	—	—	1.00E+00	ug/L	—	—	10-1021	CAPA-10-6823	GELC
R-37	8821	929.3	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	26.6	—	—	1.50E+01	ug/L	J	J	11-128	CAPA-10-26915	GELC
R-37	8821	929.3	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	28.5	—	—	1.50E+01	ug/L	J	J	10-4011	CAPA-10-24067	GELC
R-37	8821	929.3	06/16/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	31.6	—	—	1.50E+01	ug/L	J	J	10-3441	CAPA-10-17948	GELC
R-37	8821	929.3	03/02/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	27.5	—	—	1.50E+01	ug/L	J	J	10-2249	CAPA-10-12857	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-37	8821	929.3	12/18/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	27.6	—	—	1.50E+01	ug/L	J	J	10-1021	CAPA-10-6821	GELC
R-37	8821	929.3	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	26.5	—	—	1.50E+01	ug/L	J	J	11-128	CAPA-10-26914	GELC
R-37	8821	929.3	08/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	27.7	—	—	1.50E+01	ug/L	J	J	10-4011	CAPA-10-24066	GELC
R-37	8821	929.3	06/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	30.2	—	—	1.50E+01	ug/L	J	J	10-3441	CAPA-10-17949	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	27.5	—	—	1.50E+01	ug/L	J	J	10-2249	CAPA-10-12855	GELC
R-37	8821	929.3	12/18/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	27.2	—	—	1.50E+01	ug/L	J	J	10-1021	CAPA-10-6823	GELC
R-37	8821	929.3	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.02	—	—	2.50E+00	ug/L	J	J	11-128	CAPA-10-26915	GELC
R-37	8821	929.3	08/05/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-4011	CAPA-10-24067	GELC
R-37	8821	929.3	06/16/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.14	—	—	2.50E+00	ug/L	J	J	10-3441	CAPA-10-17948	GELC
R-37	8821	929.3	03/02/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	5.65	—	—	2.50E+00	ug/L	J	U	10-2249	CAPA-10-12857	GELC
R-37	8821	929.3	12/18/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-1021	CAPA-10-6821	GELC
R-37	8821	929.3	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.02	—	—	2.50E+00	ug/L	J	J	11-128	CAPA-10-26914	GELC
R-37	8821	929.3	08/05/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-4011	CAPA-10-24066	GELC
R-37	8821	929.3	06/16/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.35	—	—	2.50E+00	ug/L	J	J	10-3441	CAPA-10-17949	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	5.73	—	—	2.50E+00	ug/L	J	U	10-2249	CAPA-10-12855	GELC
R-37	8821	929.3	12/18/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-1021	CAPA-10-6823	GELC
R-37	8821	929.3	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	8.28	—	—	3.00E+00	ug/L	J	J	11-128	CAPA-10-26915	GELC
R-37	8821	929.3	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	10-4011	CAPA-10-24067	GELC
R-37	8821	929.3	06/16/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	10-3441	CAPA-10-17948	GELC
R-37	8821	929.3	03/02/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	10-2249	CAPA-10-12857	GELC
R-37	8821	929.3	12/18/09	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	10-1021	CAPA-10-6821	GELC
R-37	8821	929.3	08/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	10-4011	CAPA-10-24066	GELC
R-37	8821	929.3	06/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	10-3441	CAPA-10-17949	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	10-2249	CAPA-10-12855	GELC
R-37	8821	929.3	12/18/09	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	10-1021	CAPA-10-6823	GELC
R-37	8821	929.3	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	37.9	—	—	3.00E+01	ug/L	J	J	11-128	CAPA-10-26915	GELC
R-37	8821	929.3	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	33	—	—	3.00E+01	ug/L	J	J	10-4011	CAPA-10-24067	GELC
R-37	8821	929.3	06/16/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-3441	CAPA-10-17948	GELC
R-37	8821	929.3	03/02/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	UJ	10-2249	CAPA-10-12857	GELC
R-37	8821	929.3	12/18/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-1021	CAPA-10-6821	GELC
R-37	8821	929.3	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	32.3	—	—	3.00E+01	ug/L	J	J	11-128	CAPA-10-26914	GELC
R-37	8821	929.3	08/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	75.7	—	—	3.00E+01	ug/L	J	J	10-4011	CAPA-10-24066	GELC
R-37	8821	929.3	06/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	60.6	—	—	3.00E+01	ug/L	J	J	10-3441	CAPA-10-17949	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	39.1	—	—	3.00E+01	ug/L	J	J	10-2249	CAPA-10-12855	GELC
R-37	8821	929.3	12/18/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-1021	CAPA-10-6823	GELC
R-37	8821	929.3	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.66	—	—	2.00E+00	ug/L	J	J	11-128	CAPA-10-26915	GELC
R-37	8821	929.3	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	6.51	—	—	2.00E+00	ug/L	J	J	10-4011	CAPA-10-24067	GELC
R-37	8821	929.3	06/16/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-3441	CAPA-10-17948	GELC
R-37	8821	929.3	03/02/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-2249	CAPA-10-12857	GELC
R-37	8821	929.3	12/18/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-1021	CAPA-10-6821	GELC
R-37	8821	929.3	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	18.8	—	—	2.00E+00	ug/L	—	—	11-128	CAPA-10-26914	GELC
R-37	8821	929.3	08/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	81.3	—	—	2.00E+00	ug/L	—	—	10-4011	CAPA-10-24066	GELC
R-37	8821	929.3	06/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	56.6	—	—	2.00E+00	ug/L	—	—	10-3441	CAPA-10-17949	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	15.7	—	—	2.00E+00	ug/L	—	—	10-2249	CAPA-10-12855	GELC
R-37	8821	929.3	12/18/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-1021	CAPA-10-6823	GELC
R-37	8821	929.3	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.55	—	—	1.00E-01	ug/L	—	J	11-128	CAPA-10-26915	GELC
R-37	8821	929.3	08/05/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.73	—	—	1.00E-01	ug/L	—	—	10-4011	CAPA-10-24067	GELC
R-37	8821	929.3	06/16/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.99	—	—	1.00E-01	ug/L	—	—	10-3441	CAPA-10-17948	GELC
R-37	8821	929.3	03/02/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	4.1	—	—	1.00E-01	ug/L	—	—	10-2249	CAPA-10-12857	GELC
R-37	8821	929.3	12/18/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.03	—	—	1.00E-01	ug/L	—	—	10-1021	CAPA-10-6821	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-37	8821	929.3	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.41	—	—	1.00E-01	ug/L	—	J	11-128	CAPA-10-26914	GELC
R-37	8821	929.3	08/05/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.7	—	—	1.00E-01	ug/L	—	—	10-4011	CAPA-10-24066	GELC
R-37	8821	929.3	06/16/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.87	—	—	1.00E-01	ug/L	—	—	10-3441	CAPA-10-17949	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	4.12	—	—	1.00E-01	ug/L	—	—	10-2249	CAPA-10-12855	GELC
R-37	8821	929.3	12/18/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.11	—	—	1.00E-01	ug/L	—	—	10-1021	CAPA-10-6823	GELC
R-37	8821	929.3	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.05	—	—	5.00E-01	ug/L	J	J	11-128	CAPA-10-26915	GELC
R-37	8821	929.3	08/05/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.06	—	—	5.00E-01	ug/L	J	J	10-4011	CAPA-10-24067	GELC
R-37	8821	929.3	06/16/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.5	—	—	5.00E-01	ug/L	J	J	10-3441	CAPA-10-17948	GELC
R-37	8821	929.3	03/02/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.49	—	—	5.00E-01	ug/L	J	J	10-2249	CAPA-10-12857	GELC
R-37	8821	929.3	12/18/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1	—	—	5.00E-01	ug/L	J	J	10-1021	CAPA-10-6821	GELC
R-37	8821	929.3	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.07	—	—	5.00E-01	ug/L	J	J	11-128	CAPA-10-26914	GELC
R-37	8821	929.3	08/05/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.45	—	—	5.00E-01	ug/L	J	J	10-4011	CAPA-10-24066	GELC
R-37	8821	929.3	06/16/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.84	—	—	5.00E-01	ug/L	J	J	10-3441	CAPA-10-17949	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.08	—	—	5.00E-01	ug/L	J	J	10-2249	CAPA-10-12855	GELC
R-37	8821	929.3	12/18/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.964	—	—	5.00E-01	ug/L	J	J	10-1021	CAPA-10-6823	GELC
R-37	8821	929.3	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	52.3	—	—	5.30E-02	mg/L	—	—	11-128	CAPA-10-26915	GELC
R-37	8821	929.3	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	57.3	—	—	5.30E-02	mg/L	—	—	10-4011	CAPA-10-24067	GELC
R-37	8821	929.3	06/16/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	57.1	—	—	5.30E-02	mg/L	—	—	10-3441	CAPA-10-17948	GELC
R-37	8821	929.3	03/02/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	57.7	—	—	5.30E-02	mg/L	—	—	10-2249	CAPA-10-12857	GELC
R-37	8821	929.3	12/18/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	47.8	—	—	5.30E-02	mg/L	—	—	10-1021	CAPA-10-6821	GELC
R-37	8821	929.3	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	99.6	—	—	1.00E+00	ug/L	—	—	11-128	CAPA-10-26915	GELC
R-37	8821	929.3	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	109	—	—	1.00E+00	ug/L	—	—	10-4011	CAPA-10-24067	GELC
R-37	8821	929.3	06/16/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	102	—	—	1.00E+00	ug/L	—	—	10-3441	CAPA-10-17948	GELC
R-37	8821	929.3	03/02/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	107	—	—	1.00E+00	ug/L	—	—	10-2249	CAPA-10-12857	GELC
R-37	8821	929.3	12/18/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	103	—	—	1.00E+00	ug/L	—	—	10-1021	CAPA-10-6821	GELC
R-37	8821	929.3	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	99.5	—	—	1.00E+00	ug/L	—	—	11-128	CAPA-10-26914	GELC
R-37	8821	929.3	08/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	105	—	—	1.00E+00	ug/L	—	—	10-4011	CAPA-10-24066	GELC
R-37	8821	929.3	06/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	101	—	—	1.00E+00	ug/L	—	—	10-3441	CAPA-10-17949	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	106	—	—	1.00E+00	ug/L	—	—	10-2249	CAPA-10-12855	GELC
R-37	8821	929.3	12/18/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	105	—	—	1.00E+00	ug/L	—	—	10-1021	CAPA-10-6823	GELC
R-37	8821	929.3	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.61	—	—	5.00E-02	ug/L	—	—	11-128	CAPA-10-26915	GELC
R-37	8821	929.3	08/05/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.55	—	—	5.00E-02	ug/L	—	—	10-4011	CAPA-10-24067	GELC
R-37	8821	929.3	06/16/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.74	—	—	5.00E-02	ug/L	—	—	10-3441	CAPA-10-17948	GELC
R-37	8821	929.3	03/02/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.33	—	—	5.00E-02	ug/L	—	—	10-2249	CAPA-10-12857	GELC
R-37	8821	929.3	12/18/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.79	—	—	5.00E-02	ug/L	—	—	10-1021	CAPA-10-6821	GELC
R-37	8821	929.3	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.66	—	—	5.00E-02	ug/L	—	—	11-128	CAPA-10-26914	GELC
R-37	8821	929.3	08/05/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.57	—	—	5.00E-02	ug/L	—	—	10-4011	CAPA-10-24066	GELC
R-37	8821	929.3	06/16/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.72	—	—	5.00E-02	ug/L	—	—	10-3441	CAPA-10-17949	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.32	—	—	5.00E-02	ug/L	—	—	10-2249	CAPA-10-12855	GELC
R-37	8821	929.3	12/18/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.87	—	—	5.00E-02	ug/L	—	—	10-1021	CAPA-10-6823	GELC
R-37	8821	929.3	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.66	—	—	1.00E+00	ug/L	J	J	11-128	CAPA-10-26915	GELC
R-37	8821	929.3	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.98	—	—	1.00E+00	ug/L	J	J	10-4011	CAPA-10-24067	GELC
R-37	8821	929.3	06/16/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.79	—	—	1.00E+00	ug/L	J	J	10-3441	CAPA-10-17948	GELC
R-37	8821	929.3	03/02/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.7	—	—	1.00E+00	ug/L	J	J	10-2249	CAPA-10-12857	GELC
R-37	8821	929.3	12/18/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.8	—	—	1.00E+00	ug/L	—	—	10-1021	CAPA-10-6821	GELC
R-37	8821	929.3	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.72	—	—	1.00E+00	ug/L	J	J	11-128	CAPA-10-26914	GELC
R-37	8821	929.3	08/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.96	—	—	1.00E+00	ug/L	J	J	10-4011	CAPA-10-24066	GELC
R-37	8821	929.3	06/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.82	—	—	1.00E+00	ug/L	J	J	10-3441	CAPA-10-17949	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.73	—	—	1.00E+00	ug/L	J	J	10-2249	CAPA-10-12855	GELC
R-37	8821	929.3	12/18/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.43	—	—	1.00E+00	ug/L	—	—	10-1021	CAPA-10-6823	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-37	8821	929.3	10/12/10	WG	UF	CS	—	SVOA	SW-846:8270C	Dioxane[1,4-]	—	4.13	—	—	2.20E+00	ug/L	J	J	11-127	CAPA-10-26914	GELC
R-37	8821	929.3	08/05/10	WG	UF	CS	—	SVOA	SW-846:8270C	Dioxane[1,4-]	—	5.02	—	—	2.40E+00	ug/L	J	J	10-4011	CAPA-10-24066	GELC
R-37	8821	929.3	06/16/10	WG	UF	CS	—	SVOA	SW-846:8270C	Dioxane[1,4-]	—	4.41	—	—	2.10E+00	ug/L	J	J	10-3442	CAPA-10-17949	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	SVOA	SW-846:8270C	Dioxane[1,4-]	—	4.35	—	—	2.00E+00	ug/L	J	J	10-2248	CAPA-10-12855	GELC
R-37	8821	929.3	12/18/09	WG	UF	CS	—	SVOA	SW-846:8270C	Dioxane[1,4-]	<	10.8	—	—	2.20E+00	ug/L	U	UJ	10-1020	CAPA-10-6823	GELC
R-38	8631	821.2	10/11/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.9	—	—	7.30E-01	mg/L	—	—	11-128	CAPA-10-27408	GELC
R-38	8631	821.2	08/06/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.5	—	—	7.30E-01	mg/L	—	—	10-4046	CAPA-10-24149	GELC
R-38	8631	821.2	06/02/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.7	—	—	7.30E-01	mg/L	—	—	10-3296	CAPA-10-17955	GELC
R-38	8631	821.2	03/12/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59	—	—	7.30E-01	mg/L	—	—	10-2446	CAPA-10-13089	GELC
R-38	8631	821.2	12/17/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	62.4	—	—	7.30E-01	mg/L	—	—	10-995	CAPA-10-6794	GELC
R-38	8631	821.2	10/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.1	—	—	5.00E-02	mg/L	—	—	11-128	CAPA-10-27408	GELC
R-38	8631	821.2	08/06/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12	—	—	5.00E-02	mg/L	—	—	10-4046	CAPA-10-24149	GELC
R-38	8631	821.2	06/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.9	—	—	5.00E-02	mg/L	—	—	10-3296	CAPA-10-17955	GELC
R-38	8631	821.2	03/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.8	—	—	5.00E-02	mg/L	—	—	10-2446	CAPA-10-13089	GELC
R-38	8631	821.2	12/17/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.3	—	—	5.00E-02	mg/L	—	—	10-995	CAPA-10-6794	GELC
R-38	8631	821.2	10/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.7	—	—	5.00E-02	mg/L	—	—	11-128	CAPA-10-27406	GELC
R-38	8631	821.2	08/06/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12	—	—	5.00E-02	mg/L	—	—	10-4046	CAPA-10-24148	GELC
R-38	8631	821.2	06/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.2	—	—	5.00E-02	mg/L	—	—	10-3296	CAPA-10-17956	GELC
R-38	8631	821.2	03/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13	—	—	5.00E-02	mg/L	—	—	10-2446	CAPA-10-13087	GELC
R-38	8631	821.2	12/17/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.2	—	—	5.00E-02	mg/L	—	—	10-995	CAPA-10-6793	GELC
R-38	8631	821.2	10/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.41	—	—	6.60E-02	mg/L	—	—	11-128	CAPA-10-27408	GELC
R-38	8631	821.2	08/06/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.5	—	—	6.60E-02	mg/L	—	—	10-4046	CAPA-10-24149	GELC
R-38	8631	821.2	06/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.46	—	—	6.60E-02	mg/L	—	—	10-3296	CAPA-10-17955	GELC
R-38	8631	821.2	03/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.29	—	—	6.60E-02	mg/L	—	—	10-2446	CAPA-10-13089	GELC
R-38	8631	821.2	12/17/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.42	—	—	6.60E-02	mg/L	—	J+	10-995	CAPA-10-6794	GELC
R-38	8631	821.2	10/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.271	—	—	3.30E-02	mg/L	—	—	11-128	CAPA-10-27408	GELC
R-38	8631	821.2	08/06/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.29	—	—	3.30E-02	mg/L	—	—	10-4046	CAPA-10-24149	GELC
R-38	8631	821.2	06/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.294	—	—	3.30E-02	mg/L	—	—	10-3296	CAPA-10-17955	GELC
R-38	8631	821.2	03/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.263	—	—	3.30E-02	mg/L	—	J-	10-2446	CAPA-10-13089	GELC
R-38	8631	821.2	12/17/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.507	—	—	3.30E-02	mg/L	—	—	10-995	CAPA-10-6794	GELC
R-38	8631	821.2	10/11/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44.8	—	—	3.50E-01	mg/L	—	—	11-128	CAPA-10-27408	GELC
R-38	8631	821.2	08/06/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44.1	—	—	3.50E-01	mg/L	—	—	10-4046	CAPA-10-24149	GELC
R-38	8631	821.2	06/02/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44	—	—	3.50E-01	mg/L	—	—	10-3296	CAPA-10-17955	GELC
R-38	8631	821.2	03/12/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	47.3	—	—	3.50E-01	mg/L	—	—	10-2446	CAPA-10-13089	GELC
R-38	8631	821.2	12/17/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	48.8	—	—	3.50E-01	mg/L	—	—	10-995	CAPA-10-6794	GELC
R-38	8631	821.2	10/11/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	46.9	—	—	3.50E-01	mg/L	—	—	11-128	CAPA-10-27406	GELC
R-38	8631	821.2	08/06/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.1	—	—	3.50E-01	mg/L	—	—	10-4046	CAPA-10-24148	GELC
R-38	8631	821.2	06/02/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.9	—	—	3.50E-01	mg/L	—	—	10-3296	CAPA-10-17956	GELC
R-38	8631	821.2	03/12/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	48.3	—	—	3.50E-01	mg/L	—	—	10-2446	CAPA-10-13087	GELC
R-38	8631	821.2	12/17/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	48.3	—	—	3.50E-01	mg/L	—	—	10-995	CAPA-10-6793	GELC
R-38	8631	821.2	10/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.54	—	—	8.50E-02	mg/L	—	—	11-128	CAPA-10-27408	GELC
R-38	8631	821.2	08/06/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.45	—	—	8.50E-02	mg/L	—	—	10-4046	CAPA-10-24149	GELC
R-38	8631	821.2	06/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.49	—	—	8.50E-02	mg/L	—	—	10-3296	CAPA-10-17955	GELC
R-38	8631	821.2	03/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.71	—	—	8.50E-02	mg/L	—	—	10-2446	CAPA-10-13089	GELC
R-38	8631	821.2	12/17/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.77	—	—	8.50E-02	mg/L	—	—	10-995	CAPA-10-6794	GELC
R-38	8631	821.2	10/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.69	—	—	8.50E-02	mg/L	—	—	11-128	CAPA-10-27406	GELC
R-38	8631	821.2	08/06/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.44	—	—	8.50E-02	mg/L	—	—	10-4046	CAPA-10-24148	GELC
R-38	8631	821.2	06/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.53	—	—	8.50E-02	mg/L	—	—	10-3296	CAPA-10-17956	GELC
R-38	8631	821.2	03/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.82	—	—	8.50E-02	mg/L	—	—	10-2446	CAPA-10-13087	GELC
R-38	8631	821.2	12/17/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.71	—	—	8.50E-02	mg/L	—	—	10-995	CAPA-10-6793	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-38	8631	821.2	10/11/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.605	—	—	5.00E-02	mg/L	—	—	11-128	CAPA-10-27408	GELC
R-38	8631	821.2	08/06/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.58	—	—	5.00E-02	mg/L	—	—	10-4046	CAPA-10-24149	GELC
R-38	8631	821.2	06/02/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.625	—	—	5.00E-02	mg/L	—	J+	10-3296	CAPA-10-17955	GELC
R-38	8631	821.2	03/12/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.57	—	—	5.00E-02	mg/L	—	—	10-2446	CAPA-10-13089	GELC
R-38	8631	821.2	12/17/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.59	—	—	5.00E-02	mg/L	—	—	10-995	CAPA-10-6794	GELC
R-38	8631	821.2	10/11/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.383	—	—	5.00E-02	ug/L	—	J+	11-128	CAPA-10-27408	GELC
R-38	8631	821.2	08/06/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.387	—	—	5.00E-02	ug/L	—	—	10-4046	CAPA-10-24149	GELC
R-38	8631	821.2	06/02/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.371	—	—	5.00E-02	ug/L	—	—	10-3296	CAPA-10-17955	GELC
R-38	8631	821.2	03/12/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.362	—	—	5.00E-02	ug/L	—	—	10-2446	CAPA-10-13089	GELC
R-38	8631	821.2	12/17/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.353	—	—	5.00E-02	ug/L	—	—	10-995	CAPA-10-6794	GELC
R-38	8631	821.2	10/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.51	—	—	5.00E-02	mg/L	—	—	11-128	CAPA-10-27408	GELC
R-38	8631	821.2	08/06/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.54	—	—	5.00E-02	mg/L	—	—	10-4046	CAPA-10-24149	GELC
R-38	8631	821.2	06/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.48	—	—	5.00E-02	mg/L	—	—	10-3296	CAPA-10-17955	GELC
R-38	8631	821.2	03/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.55	—	—	5.00E-02	mg/L	—	—	10-2446	CAPA-10-13089	GELC
R-38	8631	821.2	12/17/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.57	—	—	5.00E-02	mg/L	—	—	10-995	CAPA-10-6794	GELC
R-38	8631	821.2	10/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.57	—	—	5.00E-02	mg/L	—	—	11-128	CAPA-10-27406	GELC
R-38	8631	821.2	08/06/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.54	—	—	5.00E-02	mg/L	—	—	10-4046	CAPA-10-24148	GELC
R-38	8631	821.2	06/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.56	—	—	5.00E-02	mg/L	—	—	10-3296	CAPA-10-17956	GELC
R-38	8631	821.2	03/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.62	—	—	5.00E-02	mg/L	—	—	10-2446	CAPA-10-13087	GELC
R-38	8631	821.2	12/17/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.55	—	—	5.00E-02	mg/L	—	—	10-995	CAPA-10-6793	GELC
R-38	8631	821.2	10/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.1	—	—	1.00E-01	mg/L	—	—	11-128	CAPA-10-27408	GELC
R-38	8631	821.2	08/06/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	1.00E-01	mg/L	—	—	10-4046	CAPA-10-24149	GELC
R-38	8631	821.2	06/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.3	—	—	1.00E-01	mg/L	—	—	10-3296	CAPA-10-17955	GELC
R-38	8631	821.2	03/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	1.00E-01	mg/L	—	—	10-2446	CAPA-10-13089	GELC
R-38	8631	821.2	12/17/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.2	—	—	1.00E-01	mg/L	—	—	10-995	CAPA-10-6794	GELC
R-38	8631	821.2	10/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	1.00E-01	mg/L	—	—	11-128	CAPA-10-27406	GELC
R-38	8631	821.2	08/06/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	1.00E-01	mg/L	—	—	10-4046	CAPA-10-24148	GELC
R-38	8631	821.2	06/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	1.00E-01	mg/L	—	—	10-3296	CAPA-10-17956	GELC
R-38	8631	821.2	03/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	1.00E-01	mg/L	—	—	10-2446	CAPA-10-13087	GELC
R-38	8631	821.2	12/17/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	1.00E-01	mg/L	—	—	10-995	CAPA-10-6793	GELC
R-38	8631	821.2	10/11/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	142	—	—	1.00E+00	uS/cm	—	—	11-128	CAPA-10-27408	GELC
R-38	8631	821.2	08/06/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	141	—	—	1.00E+00	uS/cm	—	—	10-4046	CAPA-10-24149	GELC
R-38	8631	821.2	06/02/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	144	—	—	1.00E+00	uS/cm	—	—	10-3296	CAPA-10-17955	GELC
R-38	8631	821.2	10/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.12	—	—	1.00E-01	mg/L	—	—	11-128	CAPA-10-27408	GELC
R-38	8631	821.2	08/06/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.91	—	—	1.00E-01	mg/L	—	J+	10-4046	CAPA-10-24149	GELC
R-38	8631	821.2	06/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.85	—	—	1.00E-01	mg/L	—	—	10-3296	CAPA-10-17955	GELC
R-38	8631	821.2	03/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.95	—	—	1.00E-01	mg/L	—	—	10-2446	CAPA-10-13089	GELC
R-38	8631	821.2	12/17/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.95	—	—	1.00E-01	mg/L	—	—	10-995	CAPA-10-6794	GELC
R-38	8631	821.2	10/11/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	127	—	—	2.40E+00	mg/L	—	—	11-128	CAPA-10-27408	GELC
R-38	8631	821.2	08/06/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	152	—	—	2.40E+00	mg/L	—	—	10-4046	CAPA-10-24149	GELC
R-38	8631	821.2	06/02/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	139	—	—	2.40E+00	mg/L	—	J	10-3296	CAPA-10-17955	GELC
R-38	8631	821.2	03/12/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	140	—	—	2.40E+00	mg/L	—	—	10-2446	CAPA-10-13089	GELC
R-38	8631	821.2	12/17/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	145	—	—	2.40E+00	mg/L	—	—	10-995	CAPA-10-6794	GELC
R-38	8631	821.2	10/11/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.07	—	—	3.30E-01	mg/L	—	—	11-127	CAPA-10-27406	GELC
R-38	8631	821.2	08/06/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.427	—	—	3.30E-01	mg/L	J	J	10-4045	CAPA-10-24148	GELC
R-38	8631	821.2	06/02/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.503	—	—	3.30E-01	mg/L	J	J	10-3296	CAPA-10-17956	GELC
R-38	8631	821.2	03/12/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.76	—	—	3.30E-01	mg/L	J	J	10-2445	CAPA-10-13087	GELC
R-38	8631	821.2	12/17/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.824	—	—	3.30E-01	mg/L	J	J	10-994	CAPA-10-6793	GELC
R-38	8631	821.2	10/11/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.71	—	—	1.00E-02	SU	H	J-	11-128	CAPA-10-27408	GELC
R-38	8631	821.2	08/06/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.62	—	—	1.00E-02	SU	H	J-	10-4046	CAPA-10-24149	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-38	8631	821.2	06/02/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.94	—	—	1.00E-02	SU	H	J-	10-3296	CAPA-10-17955	GELC
R-38	8631	821.2	10/11/10	WG	F	CS	—	Metals	SW-846:6020	Antimony	—	0.758	—	—	5.00E-01	ug/L	J	J	11-128	CAPA-10-27408	GELC
R-38	8631	821.2	08/06/10	WG	F	CS	—	Metals	SW-846:6020	Antimony	<	3	—	—	5.00E-01	ug/L	U	U	10-4046	CAPA-10-24149	GELC
R-38	8631	821.2	06/02/10	WG	F	CS	—	Metals	SW-846:6020	Antimony	<	3	—	—	5.00E-01	ug/L	U	U	10-3296	CAPA-10-17955	GELC
R-38	8631	821.2	03/12/10	WG	F	CS	—	Metals	SW-846:6020	Antimony	—	0.578	—	—	5.00E-01	ug/L	J	J	10-2446	CAPA-10-13089	GELC
R-38	8631	821.2	12/17/09	WG	F	CS	—	Metals	SW-846:6020	Antimony	<	0.707	—	—	5.00E-01	ug/L	J	U	10-995	CAPA-10-6794	GELC
R-38	8631	821.2	10/11/10	WG	UF	CS	—	Metals	SW-846:6020	Antimony	—	0.916	—	—	5.00E-01	ug/L	J	J	11-128	CAPA-10-27406	GELC
R-38	8631	821.2	08/06/10	WG	UF	CS	—	Metals	SW-846:6020	Antimony	<	3	—	—	5.00E-01	ug/L	U	U	10-4046	CAPA-10-24148	GELC
R-38	8631	821.2	06/02/10	WG	UF	CS	—	Metals	SW-846:6020	Antimony	—	0.591	—	—	5.00E-01	ug/L	J	J	10-3296	CAPA-10-17956	GELC
R-38	8631	821.2	03/12/10	WG	UF	CS	—	Metals	SW-846:6020	Antimony	—	0.542	—	—	5.00E-01	ug/L	J	J	10-2446	CAPA-10-13087	GELC
R-38	8631	821.2	12/17/09	WG	UF	CS	—	Metals	SW-846:6020	Antimony	<	0.739	—	—	5.00E-01	ug/L	J	U	10-995	CAPA-10-6793	GELC
R-38	8631	821.2	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	28.6	—	—	1.00E+00	ug/L	—	—	11-128	CAPA-10-27408	GELC
R-38	8631	821.2	08/06/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	28.7	—	—	1.00E+00	ug/L	—	—	10-4046	CAPA-10-24149	GELC
R-38	8631	821.2	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	28.6	—	—	1.00E+00	ug/L	—	—	10-3296	CAPA-10-17955	GELC
R-38	8631	821.2	03/12/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	30.7	—	—	1.00E+00	ug/L	—	—	10-2446	CAPA-10-13089	GELC
R-38	8631	821.2	12/17/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	31.1	—	—	1.00E+00	ug/L	—	—	10-995	CAPA-10-6794	GELC
R-38	8631	821.2	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	30	—	—	1.00E+00	ug/L	—	—	11-128	CAPA-10-27406	GELC
R-38	8631	821.2	08/06/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	29.1	—	—	1.00E+00	ug/L	—	—	10-4046	CAPA-10-24148	GELC
R-38	8631	821.2	06/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	29	—	—	1.00E+00	ug/L	—	—	10-3296	CAPA-10-17956	GELC
R-38	8631	821.2	03/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	31.6	—	—	1.00E+00	ug/L	—	—	10-2446	CAPA-10-13087	GELC
R-38	8631	821.2	12/17/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	31.6	—	—	1.00E+00	ug/L	—	—	10-995	CAPA-10-6793	GELC
R-38	8631	821.2	10/11/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.21	—	—	2.50E+00	ug/L	J	J	11-128	CAPA-10-27408	GELC
R-38	8631	821.2	08/06/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-4046	CAPA-10-24149	GELC
R-38	8631	821.2	06/02/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.47	—	—	2.50E+00	ug/L	J	J	10-3296	CAPA-10-17955	GELC
R-38	8631	821.2	03/12/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2446	CAPA-10-13089	GELC
R-38	8631	821.2	12/17/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.95	—	—	2.50E+00	ug/L	J	J	10-995	CAPA-10-6794	GELC
R-38	8631	821.2	10/11/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.73	—	—	2.50E+00	ug/L	J	J	11-128	CAPA-10-27406	GELC
R-38	8631	821.2	08/06/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.56	—	—	2.50E+00	ug/L	J	J	10-4046	CAPA-10-24148	GELC
R-38	8631	821.2	06/02/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.94	—	—	2.50E+00	ug/L	J	J	10-3296	CAPA-10-17956	GELC
R-38	8631	821.2	03/12/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2446	CAPA-10-13087	GELC
R-38	8631	821.2	12/17/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	6.16	—	—	2.50E+00	ug/L	J	J	10-995	CAPA-10-6793	GELC
R-38	8631	821.2	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.37	—	—	2.00E+00	ug/L	J	J	11-128	CAPA-10-27408	GELC
R-38	8631	821.2	08/06/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-4046	CAPA-10-24149	GELC
R-38	8631	821.2	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.08	—	—	2.00E+00	ug/L	J	J	10-3296	CAPA-10-17955	GELC
R-38	8631	821.2	03/12/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	8.51	—	—	2.00E+00	ug/L	J	J	10-2446	CAPA-10-13089	GELC
R-38	8631	821.2	12/17/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.48	—	—	2.00E+00	ug/L	J	J	10-995	CAPA-10-6794	GELC
R-38	8631	821.2	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.55	—	—	2.00E+00	ug/L	J	J	11-128	CAPA-10-27406	GELC
R-38	8631	821.2	08/06/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-4046	CAPA-10-24148	GELC
R-38	8631	821.2	06/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.58	—	—	2.00E+00	ug/L	J	J	10-3296	CAPA-10-17956	GELC
R-38	8631	821.2	03/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5.94	—	—	2.00E+00	ug/L	J	J	10-2446	CAPA-10-13087	GELC
R-38	8631	821.2	12/17/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.42	—	—	2.00E+00	ug/L	J	J	10-995	CAPA-10-6793	GELC
R-38	8631	821.2	10/11/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.67	—	—	1.00E-01	ug/L	—	J	11-128	CAPA-10-27408	GELC
R-38	8631	821.2	08/06/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.61	—	—	1.00E-01	ug/L	—	—	10-4046	CAPA-10-24149	GELC
R-38	8631	821.2	06/02/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.65	—	—	1.00E-01	ug/L	—	J	10-3296	CAPA-10-17955	GELC
R-38	8631	821.2	03/12/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.86	—	—	1.00E-01	ug/L	—	—	10-2446	CAPA-10-13089	GELC
R-38	8631	821.2	12/17/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.93	—	—	1.00E-01	ug/L	—	J	10-995	CAPA-10-6794	GELC
R-38	8631	821.2	10/11/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.74	—	—	1.00E-01	ug/L	—	J	11-128	CAPA-10-27406	GELC
R-38	8631	821.2	08/06/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.63	—	—	1.00E-01	ug/L	—	—	10-4046	CAPA-10-24148	GELC
R-38	8631	821.2	06/02/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.73	—	—	1.00E-01	ug/L	—	J	10-3296	CAPA-10-17956	GELC
R-38	8631	821.2	03/12/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.83	—	—	1.00E-01	ug/L	—	—	10-2446	CAPA-10-13087	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-38	8631	821.2	12/17/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.95	—	—	1.00E-01	ug/L	—	J	10-995	CAPA-10-6793	GELC
R-38	8631	821.2	10/11/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	5.61	—	—	5.00E-01	ug/L	—	—	11-128	CAPA-10-27408	GELC
R-38	8631	821.2	08/06/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.69	—	—	5.00E-01	ug/L	—	—	10-4046	CAPA-10-24149	GELC
R-38	8631	821.2	06/02/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	9.21	—	—	5.00E-01	ug/L	—	—	10-3296	CAPA-10-17955	GELC
R-38	8631	821.2	03/12/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	12.4	—	—	5.00E-01	ug/L	—	—	10-2446	CAPA-10-13089	GELC
R-38	8631	821.2	12/17/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	10.6	—	—	5.00E-01	ug/L	—	—	10-995	CAPA-10-6794	GELC
R-38	8631	821.2	10/11/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	5.67	—	—	5.00E-01	ug/L	—	—	11-128	CAPA-10-27406	GELC
R-38	8631	821.2	08/06/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.24	—	—	5.00E-01	ug/L	—	—	10-4046	CAPA-10-24148	GELC
R-38	8631	821.2	06/02/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	9.56	—	—	5.00E-01	ug/L	—	—	10-3296	CAPA-10-17956	GELC
R-38	8631	821.2	03/12/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	12.3	—	—	5.00E-01	ug/L	—	—	10-2446	CAPA-10-13087	GELC
R-38	8631	821.2	12/17/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	13.2	—	—	5.00E-01	ug/L	—	—	10-995	CAPA-10-6793	GELC
R-38	8631	821.2	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	62.2	—	—	5.30E-02	mg/L	—	—	11-128	CAPA-10-27408	GELC
R-38	8631	821.2	08/06/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64.2	—	—	5.30E-02	mg/L	—	—	10-4046	CAPA-10-24149	GELC
R-38	8631	821.2	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	65	—	—	5.30E-02	mg/L	—	—	10-3296	CAPA-10-17955	GELC
R-38	8631	821.2	03/12/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	68.5	—	—	5.30E-02	mg/L	—	—	10-2446	CAPA-10-13089	GELC
R-38	8631	821.2	12/17/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	69.4	—	—	5.30E-02	mg/L	—	—	10-995	CAPA-10-6794	GELC
R-38	8631	821.2	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	49.4	—	—	1.00E+00	ug/L	—	—	11-128	CAPA-10-27408	GELC
R-38	8631	821.2	08/06/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	50.3	—	—	1.00E+00	ug/L	—	—	10-4046	CAPA-10-24149	GELC
R-38	8631	821.2	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	49.3	—	—	1.00E+00	ug/L	—	—	10-3296	CAPA-10-17955	GELC
R-38	8631	821.2	03/12/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	52.7	—	—	1.00E+00	ug/L	—	—	10-2446	CAPA-10-13089	GELC
R-38	8631	821.2	12/17/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	53.9	—	—	1.00E+00	ug/L	—	—	10-995	CAPA-10-6794	GELC
R-38	8631	821.2	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	52.4	—	—	1.00E+00	ug/L	—	—	11-128	CAPA-10-27406	GELC
R-38	8631	821.2	08/06/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	50.6	—	—	1.00E+00	ug/L	—	—	10-4046	CAPA-10-24148	GELC
R-38	8631	821.2	06/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	50.3	—	—	1.00E+00	ug/L	—	—	10-3296	CAPA-10-17956	GELC
R-38	8631	821.2	03/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	54	—	—	1.00E+00	ug/L	—	—	10-2446	CAPA-10-13087	GELC
R-38	8631	821.2	12/17/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53.7	—	—	1.00E+00	ug/L	—	—	10-995	CAPA-10-6793	GELC
R-38	8631	821.2	10/11/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.448	—	—	5.00E-02	ug/L	—	—	11-128	CAPA-10-27408	GELC
R-38	8631	821.2	08/06/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.396	—	—	5.00E-02	ug/L	—	—	10-4046	CAPA-10-24149	GELC
R-38	8631	821.2	06/02/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.354	—	—	5.00E-02	ug/L	—	—	10-3296	CAPA-10-17955	GELC
R-38	8631	821.2	03/12/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.398	—	—	5.00E-02	ug/L	—	—	10-2446	CAPA-10-13089	GELC
R-38	8631	821.2	12/17/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.421	—	—	5.00E-02	ug/L	—	—	10-995	CAPA-10-6794	GELC
R-38	8631	821.2	10/11/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.454	—	—	5.00E-02	ug/L	—	—	11-128	CAPA-10-27406	GELC
R-38	8631	821.2	08/06/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.41	—	—	5.00E-02	ug/L	—	—	10-4046	CAPA-10-24148	GELC
R-38	8631	821.2	06/02/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.372	—	—	5.00E-02	ug/L	—	—	10-3296	CAPA-10-17956	GELC
R-38	8631	821.2	03/12/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.398	—	—	5.00E-02	ug/L	—	—	10-2446	CAPA-10-13087	GELC
R-38	8631	821.2	12/17/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.424	—	—	5.00E-02	ug/L	—	—	10-995	CAPA-10-6793	GELC
R-38	8631	821.2	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.66	—	—	1.00E+00	ug/L	J	J	11-128	CAPA-10-27408	GELC
R-38	8631	821.2	08/06/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.01	—	—	1.00E+00	ug/L	J	J	10-4046	CAPA-10-24149	GELC
R-38	8631	821.2	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.33	—	—	1.00E+00	ug/L	J	J	10-3296	CAPA-10-17955	GELC
R-38	8631	821.2	03/12/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.47	—	—	1.00E+00	ug/L	J	J	10-2446	CAPA-10-13089	GELC
R-38	8631	821.2	12/17/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.67	—	—	1.00E+00	ug/L	J	J	10-995	CAPA-10-6794	GELC
R-38	8631	821.2	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4	—	—	1.00E+00	ug/L	J	J	11-128	CAPA-10-27406	GELC
R-38	8631	821.2	08/06/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.18	—	—	1.00E+00	ug/L	J	J	10-4046	CAPA-10-24148	GELC
R-38	8631	821.2	06/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.21	—	—	1.00E+00	ug/L	J	J	10-3296	CAPA-10-17956	GELC
R-38	8631	821.2	03/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.54	—	—	1.00E+00	ug/L	J	J	10-2446	CAPA-10-13087	GELC
R-38	8631	821.2	12/17/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.01	—	—	1.00E+00	ug/L	—	—	10-995	CAPA-10-6793	GELC
R-38	8631	821.2	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	9.36	—	—	3.30E+00	ug/L	J	J	11-128	CAPA-10-27408	GELC
R-38	8631	821.2	08/06/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5	—	—	3.30E+00	ug/L	J	J	10-4046	CAPA-10-24149	GELC
R-38	8631	821.2	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	12.6	—	—	3.30E+00	ug/L	—	—	10-3296	CAPA-10-17955	GELC
R-38	8631	821.2	03/12/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	15	—	—	3.30E+00	ug/L	—	U	10-2446	CAPA-10-13089	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-38	8631	821.2	12/17/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	19.3	—	—	3.30E+00	ug/L	—	—	10-995	CAPA-10-6794	GELC
R-38	8631	821.2	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	10.3	—	—	3.30E+00	ug/L	—	—	11-128	CAPA-10-27406	GELC
R-38	8631	821.2	08/06/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	6.82	—	—	3.30E+00	ug/L	J	J	10-4046	CAPA-10-24148	GELC
R-38	8631	821.2	06/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	14.8	—	—	3.30E+00	ug/L	—	—	10-3296	CAPA-10-17956	GELC
R-38	8631	821.2	03/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	17.2	—	—	3.30E+00	ug/L	—	U	10-2446	CAPA-10-13087	GELC
R-38	8631	821.2	12/17/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	21.7	—	—	3.30E+00	ug/L	—	—	10-995	CAPA-10-6793	GELC
R-38	8631	821.2	10/11/10	WG	UF	CS	—	SVOA	SW-846:8270C	Bis(2-ethylhexyl)phthalate	—	3.53	—	—	2.10E+00	ug/L	J	J	11-127	CAPA-10-27406	GELC
R-38	8631	821.2	08/06/10	WG	UF	CS	—	SVOA	SW-846:8270C	Bis(2-ethylhexyl)phthalate	<	12	—	—	2.40E+00	ug/L	U	U	10-4045	CAPA-10-24148	GELC
R-38	8631	821.2	06/02/10	WG	UF	CS	—	SVOA	SW-846:8270C	Bis(2-ethylhexyl)phthalate	—	3.23	—	—	2.00E+00	ug/L	J	J	10-3295	CAPA-10-17956	GELC
R-38	8631	821.2	03/12/10	WG	UF	CS	—	SVOA	SW-846:8270C	Bis(2-ethylhexyl)phthalate	—	2.28	—	—	2.30E+00	ug/L	J	J	10-2445	CAPA-10-13087	GELC
R-38	8631	821.2	12/17/09	WG	UF	CS	—	SVOA	SW-846:8270C	Bis(2-ethylhexyl)phthalate	—	5.57	—	—	2.10E+00	ug/L	J	J	10-994	CAPA-10-6793	GELC
R-39	8641	859	10/08/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	63	—	—	7.30E-01	mg/L	—	—	11-97	CAPA-10-27411	GELC
R-39	8641	859	08/12/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.5	—	—	7.30E-01	mg/L	—	—	10-4141	CAPA-10-24144	GELC
R-39	8641	859	06/02/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.3	—	—	7.30E-01	mg/L	—	—	10-3296	CAPA-10-17902	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.1	—	—	7.30E-01	mg/L	—	—	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.4	—	—	7.30E-01	mg/L	—	—	10-881	CAPA-10-6798	GELC
R-39	8641	859	10/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.4	—	—	5.00E-02	mg/L	—	—	11-97	CAPA-10-27411	GELC
R-39	8641	859	08/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.5	—	—	5.00E-02	mg/L	—	—	10-4141	CAPA-10-24144	GELC
R-39	8641	859	06/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.1	—	—	5.00E-02	mg/L	—	—	10-3296	CAPA-10-17902	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.6	—	—	5.00E-02	mg/L	—	—	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.7	—	—	5.00E-02	mg/L	—	—	10-881	CAPA-10-6798	GELC
R-39	8641	859	10/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.9	—	—	5.00E-02	mg/L	—	—	11-97	CAPA-10-27409	GELC
R-39	8641	859	08/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.6	—	—	5.00E-02	mg/L	—	—	10-4141	CAPA-10-24143	GELC
R-39	8641	859	06/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.6	—	—	5.00E-02	mg/L	—	—	10-3296	CAPA-10-17901	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.6	—	—	5.00E-02	mg/L	—	—	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.6	—	—	5.00E-02	mg/L	—	—	10-881	CAPA-10-6797	GELC
R-39	8641	859	10/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.22	—	—	6.60E-02	mg/L	—	J+	11-97	CAPA-10-27411	GELC
R-39	8641	859	08/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.23	—	—	6.60E-02	mg/L	—	—	10-4141	CAPA-10-24144	GELC
R-39	8641	859	06/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.19	—	—	6.60E-02	mg/L	—	—	10-3296	CAPA-10-17902	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.02	—	—	6.60E-02	mg/L	—	—	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.22	—	—	6.60E-02	mg/L	H	J-	10-881	CAPA-10-6798	GELC
R-39	8641	859	10/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.268	—	—	3.30E-02	mg/L	—	—	11-97	CAPA-10-27411	GELC
R-39	8641	859	08/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.293	—	—	3.30E-02	mg/L	—	—	10-4141	CAPA-10-24144	GELC
R-39	8641	859	06/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.285	—	—	3.30E-02	mg/L	—	—	10-3296	CAPA-10-17902	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.287	—	—	3.30E-02	mg/L	—	J-	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.232	—	—	3.30E-02	mg/L	H	J-	10-881	CAPA-10-6798	GELC
R-39	8641	859	10/08/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45	—	—	3.50E-01	mg/L	—	—	11-97	CAPA-10-27411	GELC
R-39	8641	859	08/12/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45.8	—	—	3.50E-01	mg/L	—	—	10-4141	CAPA-10-24144	GELC
R-39	8641	859	06/02/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44.2	—	—	3.50E-01	mg/L	—	—	10-3296	CAPA-10-17902	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	46.1	—	—	3.50E-01	mg/L	—	—	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	42.9	—	—	3.50E-01	mg/L	—	—	10-881	CAPA-10-6798	GELC
R-39	8641	859	10/08/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	47	—	—	3.50E-01	mg/L	—	—	11-97	CAPA-10-27409	GELC
R-39	8641	859	08/12/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	46	—	—	3.50E-01	mg/L	—	—	10-4141	CAPA-10-24143	GELC
R-39	8641	859	06/02/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	46.1	—	—	3.50E-01	mg/L	—	—	10-3296	CAPA-10-17901	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	52.8	—	—	3.50E-01	mg/L	—	—	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	45.8	—	—	3.50E-01	mg/L	—	—	10-881	CAPA-10-6797	GELC
R-39	8641	859	10/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.43	—	—	8.50E-02	mg/L	—	—	11-97	CAPA-10-27411	GELC
R-39	8641	859	08/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.54	—	—	8.50E-02	mg/L	—	—	10-4141	CAPA-10-24144	GELC
R-39	8641	859	06/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.37	—	—	8.50E-02	mg/L	—	—	10-3296	CAPA-10-17902	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.53	—	—	8.50E-02	mg/L	—	—	10-2176	CAPA-10-12911	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-39	8641	859	12/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.32	—	—	8.50E-02	mg/L	—	—	10-881	CAPA-10-6798	GELC
R-39	8641	859	10/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.61	—	—	8.50E-02	mg/L	—	—	11-97	CAPA-10-27409	GELC
R-39	8641	859	08/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.56	—	—	8.50E-02	mg/L	—	—	10-4141	CAPA-10-24143	GELC
R-39	8641	859	06/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.54	—	—	8.50E-02	mg/L	—	—	10-3296	CAPA-10-17901	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.99	—	—	8.50E-02	mg/L	—	—	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.49	—	—	8.50E-02	mg/L	—	—	10-881	CAPA-10-6797	GELC
R-39	8641	859	10/08/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.545	—	—	5.00E-02	mg/L	—	—	11-97	CAPA-10-27411	GELC
R-39	8641	859	08/12/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.655	—	—	5.00E-02	mg/L	—	J+	10-4141	CAPA-10-24144	GELC
R-39	8641	859	06/02/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.74	—	—	5.00E-02	mg/L	—	J+	10-3296	CAPA-10-17902	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.73	—	—	5.00E-02	mg/L	—	J	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.585	—	—	5.00E-02	mg/L	—	—	10-881	CAPA-10-6798	GELC
R-39	8641	859	10/08/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.334	—	—	5.00E-02	ug/L	—	—	11-97	CAPA-10-27411	GELC
R-39	8641	859	08/12/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.379	—	—	5.00E-02	ug/L	—	—	10-4141	CAPA-10-24144	GELC
R-39	8641	859	06/02/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.369	—	—	5.00E-02	ug/L	—	—	10-3296	CAPA-10-17902	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.355	—	—	5.00E-02	ug/L	—	—	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.342	—	—	5.00E-02	ug/L	—	—	10-881	CAPA-10-6798	GELC
R-39	8641	859	10/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.47	—	—	5.00E-02	mg/L	—	J	11-97	CAPA-10-27411	GELC
R-39	8641	859	08/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.49	—	—	5.00E-02	mg/L	—	—	10-4141	CAPA-10-24144	GELC
R-39	8641	859	06/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.44	—	—	5.00E-02	mg/L	—	—	10-3296	CAPA-10-17902	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.48	—	—	5.00E-02	mg/L	—	—	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.31	—	—	5.00E-02	mg/L	—	—	10-881	CAPA-10-6798	GELC
R-39	8641	859	10/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.5	—	—	5.00E-02	mg/L	—	J	11-97	CAPA-10-27409	GELC
R-39	8641	859	08/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.51	—	—	5.00E-02	mg/L	—	—	10-4141	CAPA-10-24143	GELC
R-39	8641	859	06/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.42	—	—	5.00E-02	mg/L	—	—	10-3296	CAPA-10-17901	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.9	—	—	5.00E-02	mg/L	—	—	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.4	—	—	5.00E-02	mg/L	—	—	10-881	CAPA-10-6797	GELC
R-39	8641	859	10/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	1.00E-01	mg/L	—	J+	11-97	CAPA-10-27411	GELC
R-39	8641	859	08/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.2	—	—	1.00E-01	mg/L	—	—	10-4141	CAPA-10-24144	GELC
R-39	8641	859	06/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	1.00E-01	mg/L	—	—	10-3296	CAPA-10-17902	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	1.00E-01	mg/L	—	—	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	1.00E-01	mg/L	—	—	10-881	CAPA-10-6798	GELC
R-39	8641	859	10/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	1.00E-01	mg/L	—	J+	11-97	CAPA-10-27409	GELC
R-39	8641	859	08/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.9	—	—	1.00E-01	mg/L	—	—	10-4141	CAPA-10-24143	GELC
R-39	8641	859	06/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.9	—	—	1.00E-01	mg/L	—	—	10-3296	CAPA-10-17901	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.1	—	—	1.00E-01	mg/L	—	—	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	1.00E-01	mg/L	—	—	10-881	CAPA-10-6797	GELC
R-39	8641	859	10/08/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	139	—	—	1.00E+00	uS/cm	—	—	11-97	CAPA-10-27411	GELC
R-39	8641	859	08/12/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	141	—	—	1.00E+00	uS/cm	—	—	10-4141	CAPA-10-24144	GELC
R-39	8641	859	06/02/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	147	—	—	1.00E+00	uS/cm	—	—	10-3296	CAPA-10-17902	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	135	—	—	1.00E+00	uS/cm	—	—	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	132	—	—	1.00E+00	uS/cm	—	—	10-881	CAPA-10-6798	GELC
R-39	8641	859	10/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.5	—	—	1.00E-01	mg/L	—	—	11-97	CAPA-10-27411	GELC
R-39	8641	859	08/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.54	—	—	1.00E-01	mg/L	—	—	10-4141	CAPA-10-24144	GELC
R-39	8641	859	06/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.52	—	—	1.00E-01	mg/L	—	—	10-3296	CAPA-10-17902	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.25	—	—	1.00E-01	mg/L	—	—	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.23	—	—	1.00E-01	mg/L	H	J-	10-881	CAPA-10-6798	GELC
R-39	8641	859	10/08/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	138	—	—	2.40E+00	mg/L	—	J	11-97	CAPA-10-27411	GELC
R-39	8641	859	08/12/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	139	—	—	2.40E+00	mg/L	—	—	10-4141	CAPA-10-24144	GELC
R-39	8641	859	06/02/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	144	—	—	2.40E+00	mg/L	—	J	10-3296	CAPA-10-17902	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	129	—	—	2.40E+00	mg/L	—	—	10-2176	CAPA-10-12911	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-39	8641	859	12/09/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	112	—	—	2.40E+00	mg/L	—	—	10-881	CAPA-10-6798	GELC
R-39	8641	859	10/08/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.08	—	—	1.00E-02	SU	H	J-	11-97	CAPA-10-27411	GELC
R-39	8641	859	08/12/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.12	—	—	1.00E-02	SU	H	J-	10-4141	CAPA-10-24144	GELC
R-39	8641	859	06/02/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.2	—	—	1.00E-02	SU	H	J-	10-3296	CAPA-10-17902	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.02	—	—	1.00E-02	SU	H	J-	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.08	—	—	1.00E-02	SU	H	J-	10-881	CAPA-10-6798	GELC
R-39	8641	859	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-4141	CAPA-10-24144	GELC
R-39	8641	859	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-3296	CAPA-10-17902	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-881	CAPA-10-6798	GELC
R-39	8641	859	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	189	—	—	6.80E+01	ug/L	J	J	11-97	CAPA-10-27409	GELC
R-39	8641	859	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-4141	CAPA-10-24143	GELC
R-39	8641	859	06/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-3296	CAPA-10-17901	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	187	—	—	6.80E+01	ug/L	J	J	10-881	CAPA-10-6797	GELC
R-39	8641	859	10/08/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.86	—	—	1.50E+00	ug/L	J	J	11-97	CAPA-10-27411	GELC
R-39	8641	859	08/12/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-4141	CAPA-10-24144	GELC
R-39	8641	859	06/02/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-3296	CAPA-10-17902	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-881	CAPA-10-6798	GELC
R-39	8641	859	08/12/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.14	—	—	1.50E+00	ug/L	J	J	10-4141	CAPA-10-24143	GELC
R-39	8641	859	06/02/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-3296	CAPA-10-17901	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-881	CAPA-10-6797	GELC
R-39	8641	859	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	15.3	—	—	1.00E+00	ug/L	—	—	11-97	CAPA-10-27411	GELC
R-39	8641	859	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	16	—	—	1.00E+00	ug/L	—	—	10-4141	CAPA-10-24144	GELC
R-39	8641	859	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	15.8	—	—	1.00E+00	ug/L	—	—	10-3296	CAPA-10-17902	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	16.5	—	—	1.00E+00	ug/L	—	—	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	15.7	—	—	1.00E+00	ug/L	—	—	10-881	CAPA-10-6798	GELC
R-39	8641	859	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	17.4	—	—	1.00E+00	ug/L	—	—	11-97	CAPA-10-27409	GELC
R-39	8641	859	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	16.4	—	—	1.00E+00	ug/L	—	—	10-4141	CAPA-10-24143	GELC
R-39	8641	859	06/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	16.9	—	—	1.00E+00	ug/L	—	—	10-3296	CAPA-10-17901	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	31.7	—	—	1.00E+00	ug/L	—	—	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	17.9	—	—	1.00E+00	ug/L	—	—	10-881	CAPA-10-6797	GELC
R-39	8641	859	10/08/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.82	—	—	2.50E+00	ug/L	J	J	11-97	CAPA-10-27411	GELC
R-39	8641	859	08/12/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.33	—	—	2.50E+00	ug/L	J	J	10-4141	CAPA-10-24144	GELC
R-39	8641	859	06/02/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.09	—	—	2.50E+00	ug/L	J	J	10-3296	CAPA-10-17902	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	5.78	—	—	2.50E+00	ug/L	J	U	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.73	—	—	2.50E+00	ug/L	J	J	10-881	CAPA-10-6798	GELC
R-39	8641	859	10/08/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.05	—	—	2.50E+00	ug/L	J	J	11-97	CAPA-10-27409	GELC
R-39	8641	859	08/12/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.38	—	—	2.50E+00	ug/L	J	J	10-4141	CAPA-10-24143	GELC
R-39	8641	859	06/02/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.57	—	—	2.50E+00	ug/L	J	J	10-3296	CAPA-10-17901	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	6.37	—	—	2.50E+00	ug/L	J	U	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.21	—	—	2.50E+00	ug/L	J	J	10-881	CAPA-10-6797	GELC
R-39	8641	859	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-4141	CAPA-10-24144	GELC
R-39	8641	859	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-3296	CAPA-10-17902	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-881	CAPA-10-6798	GELC
R-39	8641	859	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	199	—	—	3.00E+01	ug/L	—	—	11-97	CAPA-10-27409	GELC
R-39	8641	859	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	43.2	—	—	3.00E+01	ug/L	J	J	10-4141	CAPA-10-24143	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-39	8641	859	06/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	62.3	—	—	3.00E+01	ug/L	J	J	10-3296	CAPA-10-17901	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	36.2	—	—	3.00E+01	ug/L	J	J	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	158	—	—	3.00E+01	ug/L	—	—	10-881	CAPA-10-6797	GELC
R-39	8641	859	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-4141	CAPA-10-24144	GELC
R-39	8641	859	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-3296	CAPA-10-17902	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-881	CAPA-10-6798	GELC
R-39	8641	859	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	8.53	—	—	2.00E+00	ug/L	J	J	11-97	CAPA-10-27409	GELC
R-39	8641	859	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.62	—	—	2.00E+00	ug/L	J	J	10-4141	CAPA-10-24143	GELC
R-39	8641	859	06/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.1	—	—	2.00E+00	ug/L	J	J	10-3296	CAPA-10-17901	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	19.1	—	—	2.00E+00	ug/L	—	—	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	9.82	—	—	2.00E+00	ug/L	J	J	10-881	CAPA-10-6797	GELC
R-39	8641	859	10/08/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.44	—	—	1.00E-01	ug/L	—	—	11-97	CAPA-10-27411	GELC
R-39	8641	859	08/12/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.71	—	—	1.00E-01	ug/L	—	—	10-4141	CAPA-10-24144	GELC
R-39	8641	859	06/02/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.35	—	—	1.00E-01	ug/L	—	J	10-3296	CAPA-10-17902	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.16	—	—	1.00E-01	ug/L	—	—	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.83	—	—	1.00E-01	ug/L	—	—	10-881	CAPA-10-6798	GELC
R-39	8641	859	10/08/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.26	—	—	1.00E-01	ug/L	—	—	11-97	CAPA-10-27409	GELC
R-39	8641	859	08/12/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.66	—	—	1.00E-01	ug/L	—	—	10-4141	CAPA-10-24143	GELC
R-39	8641	859	06/02/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.51	—	—	1.00E-01	ug/L	—	J	10-3296	CAPA-10-17901	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	4.98	—	—	1.00E-01	ug/L	—	—	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.43	—	—	1.00E-01	ug/L	—	—	10-881	CAPA-10-6797	GELC
R-39	8641	859	10/08/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.646	—	—	5.00E-01	ug/L	J	J	11-97	CAPA-10-27411	GELC
R-39	8641	859	08/12/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.59	—	—	5.00E-01	ug/L	J	J	10-4141	CAPA-10-24144	GELC
R-39	8641	859	06/02/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.567	—	—	5.00E-01	ug/L	J	J	10-3296	CAPA-10-17902	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.1	—	—	5.00E-01	ug/L	—	—	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.754	—	—	5.00E-01	ug/L	J	J	10-881	CAPA-10-6798	GELC
R-39	8641	859	10/08/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.826	—	—	5.00E-01	ug/L	J	J	11-97	CAPA-10-27409	GELC
R-39	8641	859	08/12/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.601	—	—	5.00E-01	ug/L	J	J	10-4141	CAPA-10-24143	GELC
R-39	8641	859	06/02/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.692	—	—	5.00E-01	ug/L	J	J	10-3296	CAPA-10-17901	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.28	—	—	5.00E-01	ug/L	—	—	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.01	—	—	5.00E-01	ug/L	J	J	10-881	CAPA-10-6797	GELC
R-39	8641	859	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	62.9	—	—	5.30E-02	mg/L	—	—	11-97	CAPA-10-27411	GELC
R-39	8641	859	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	66.2	—	—	5.30E-02	mg/L	—	—	10-4141	CAPA-10-24144	GELC
R-39	8641	859	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	65.3	—	—	5.30E-02	mg/L	—	—	10-3296	CAPA-10-17902	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.6	—	—	5.30E-02	mg/L	—	—	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	65.3	—	—	5.30E-02	mg/L	—	—	10-881	CAPA-10-6798	GELC
R-39	8641	859	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	54	—	—	1.00E+00	ug/L	—	—	11-97	CAPA-10-27411	GELC
R-39	8641	859	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	56.3	—	—	1.00E+00	ug/L	—	—	10-4141	CAPA-10-24144	GELC
R-39	8641	859	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	54.4	—	—	1.00E+00	ug/L	—	—	10-3296	CAPA-10-17902	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	57	—	—	1.00E+00	ug/L	—	—	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	52.5	—	—	1.00E+00	ug/L	—	—	10-881	CAPA-10-6798	GELC
R-39	8641	859	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	56.3	—	—	1.00E+00	ug/L	—	—	11-97	CAPA-10-27409	GELC
R-39	8641	859	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	56.5	—	—	1.00E+00	ug/L	—	—	10-4141	CAPA-10-24143	GELC
R-39	8641	859	06/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	56.5	—	—	1.00E+00	ug/L	—	—	10-3296	CAPA-10-17901	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	79.6	—	—	1.00E+00	ug/L	—	—	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	55.7	—	—	1.00E+00	ug/L	—	—	10-881	CAPA-10-6797	GELC
R-39	8641	859	10/08/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.478	—	—	5.00E-02	ug/L	—	—	11-97	CAPA-10-27411	GELC
R-39	8641	859	08/12/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.471	—	—	5.00E-02	ug/L	—	—	10-4141	CAPA-10-24144	GELC
R-39	8641	859	06/02/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.438	—	—	5.00E-02	ug/L	—	—	10-3296	CAPA-10-17902	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-39	8641	859	02/26/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.436	—	—	5.00E-02	ug/L	—	—	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.408	—	—	5.00E-02	ug/L	—	—	10-881	CAPA-10-6798	GELC
R-39	8641	859	10/08/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.544	—	—	5.00E-02	ug/L	—	—	11-97	CAPA-10-27409	GELC
R-39	8641	859	08/12/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.498	—	—	5.00E-02	ug/L	—	—	10-4141	CAPA-10-24143	GELC
R-39	8641	859	06/02/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.508	—	—	5.00E-02	ug/L	—	—	10-3296	CAPA-10-17901	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.67	—	—	5.00E-02	ug/L	—	—	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.451	—	—	5.00E-02	ug/L	—	—	10-881	CAPA-10-6797	GELC
R-39	8641	859	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.56	—	—	1.00E+00	ug/L	—	—	11-97	CAPA-10-27411	GELC
R-39	8641	859	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.97	—	—	1.00E+00	ug/L	—	—	10-4141	CAPA-10-24144	GELC
R-39	8641	859	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.13	—	—	1.00E+00	ug/L	—	—	10-3296	CAPA-10-17902	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.79	—	—	1.00E+00	ug/L	—	—	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.83	—	—	1.00E+00	ug/L	J	J	10-881	CAPA-10-6798	GELC
R-39	8641	859	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.84	—	—	1.00E+00	ug/L	—	—	11-97	CAPA-10-27409	GELC
R-39	8641	859	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.9	—	—	1.00E+00	ug/L	—	—	10-4141	CAPA-10-24143	GELC
R-39	8641	859	06/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.27	—	—	1.00E+00	ug/L	—	—	10-3296	CAPA-10-17901	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.11	—	—	1.00E+00	ug/L	—	—	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.33	—	—	1.00E+00	ug/L	—	—	10-881	CAPA-10-6797	GELC
R-39	8641	859	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-4141	CAPA-10-24144	GELC
R-39	8641	859	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.91	—	—	3.30E+00	ug/L	J	J	10-3296	CAPA-10-17902	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.53	—	—	3.30E+00	ug/L	J	J	10-881	CAPA-10-6798	GELC
R-39	8641	859	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	18.6	—	—	3.30E+00	ug/L	—	—	11-97	CAPA-10-27409	GELC
R-39	8641	859	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	8	—	—	3.30E+00	ug/L	J	J	10-4141	CAPA-10-24143	GELC
R-39	8641	859	06/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	12.3	—	—	3.30E+00	ug/L	—	—	10-3296	CAPA-10-17901	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	20.1	—	—	3.30E+00	ug/L	—	—	10-881	CAPA-10-6797	GELC
R-40	8691	649.7	10/20/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.2	—	—	7.30E-01	mg/L	—	—	11-223	CAPA-10-26919	GELC
R-40	8691	649.7	07/28/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	118	—	—	7.30E-01	mg/L	—	—	10-3892	CAPA-10-24071	GELC
R-40	8691	649.7	03/03/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	120	—	—	7.30E-01	mg/L	—	—	10-2276	CAPA-10-12850	GELC
R-40	8691	649.7	12/04/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	113	—	—	7.30E-01	mg/L	—	—	10-821	CAPA-10-6791	GELC
R-40	8691	649.7	08/31/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	115	—	—	7.30E-01	mg/L	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	10/20/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.122	—	—	1.60E-02	mg/L	—	J-	11-223	CAPA-10-26919	GELC
R-40	8691	649.7	07/28/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.189	—	—	1.60E-02	mg/L	—	J	10-3892	CAPA-10-24071	GELC
R-40	8691	649.7	03/03/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.167	—	—	1.60E-02	mg/L	—	J-	10-2276	CAPA-10-12850	GELC
R-40	8691	649.7	12/04/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.145	—	—	1.60E-02	mg/L	—	J-	10-821	CAPA-10-6791	GELC
R-40	8691	649.7	08/31/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.168	—	—	1.60E-02	mg/L	—	J	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	10/20/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.078	—	—	6.60E-02	mg/L	J	J	11-223	CAPA-10-26919	GELC
R-40	8691	649.7	07/28/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	U	10-3892	CAPA-10-24071	GELC
R-40	8691	649.7	03/03/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	U	10-2276	CAPA-10-12850	GELC
R-40	8691	649.7	12/04/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	UH	UJ	10-821	CAPA-10-6791	GELC
R-40	8691	649.7	08/31/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	U	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	10/20/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.9	—	—	5.00E-02	mg/L	—	—	11-223	CAPA-10-26919	GELC
R-40	8691	649.7	07/28/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.3	—	—	5.00E-02	mg/L	—	—	10-3892	CAPA-10-24071	GELC
R-40	8691	649.7	03/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.1	—	—	5.00E-02	mg/L	—	—	10-2276	CAPA-10-12850	GELC
R-40	8691	649.7	12/04/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.9	—	—	5.00E-02	mg/L	—	—	10-821	CAPA-10-6791	GELC
R-40	8691	649.7	08/31/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.4	—	—	5.00E-02	mg/L	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	10/20/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	19	—	—	5.00E-02	mg/L	—	—	11-223	CAPA-10-26917	GELC
R-40	8691	649.7	07/28/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.2	—	—	5.00E-02	mg/L	—	—	10-3892	CAPA-10-24070	GELC
R-40	8691	649.7	03/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.6	—	—	5.00E-02	mg/L	—	—	10-2276	CAPA-10-12851	GELC
R-40	8691	649.7	12/04/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.2	—	—	5.00E-02	mg/L	—	—	10-821	CAPA-10-6790	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-40	8691	649.7	08/31/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.3	—	—	5.00E-02	mg/L	—	—	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	10/20/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.38	—	—	6.60E-02	mg/L	—	—	11-223	CAPA-10-26919	GELC
R-40	8691	649.7	07/28/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.48	—	—	6.60E-02	mg/L	—	—	10-3892	CAPA-10-24071	GELC
R-40	8691	649.7	03/03/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.41	—	—	6.60E-02	mg/L	—	—	10-2276	CAPA-10-12850	GELC
R-40	8691	649.7	12/04/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.63	—	—	6.60E-02	mg/L	H	J-	10-821	CAPA-10-6791	GELC
R-40	8691	649.7	08/31/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.59	—	—	6.60E-02	mg/L	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	10/20/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.223	—	—	3.30E-02	mg/L	—	—	11-223	CAPA-10-26919	GELC
R-40	8691	649.7	07/28/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.238	—	—	3.30E-02	mg/L	—	—	10-3892	CAPA-10-24071	GELC
R-40	8691	649.7	03/03/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.29	—	—	3.30E-02	mg/L	—	—	10-2276	CAPA-10-12850	GELC
R-40	8691	649.7	12/04/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.344	—	—	3.30E-02	mg/L	H	J-	10-821	CAPA-10-6791	GELC
R-40	8691	649.7	08/31/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.355	—	—	3.30E-02	mg/L	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	10/20/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	81.1	—	—	3.50E-01	mg/L	—	—	11-223	CAPA-10-26919	GELC
R-40	8691	649.7	07/28/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	82.4	—	—	3.50E-01	mg/L	—	—	10-3892	CAPA-10-24071	GELC
R-40	8691	649.7	03/03/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	85.6	—	—	3.50E-01	mg/L	—	—	10-2276	CAPA-10-12850	GELC
R-40	8691	649.7	12/04/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	80.2	—	—	3.50E-01	mg/L	—	—	10-821	CAPA-10-6791	GELC
R-40	8691	649.7	08/31/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	72.6	—	—	3.50E-01	mg/L	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	10/20/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	81.4	—	—	3.50E-01	mg/L	—	—	11-223	CAPA-10-26917	GELC
R-40	8691	649.7	07/28/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	82	—	—	3.50E-01	mg/L	—	—	10-3892	CAPA-10-24070	GELC
R-40	8691	649.7	03/03/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	83.5	—	—	3.50E-01	mg/L	—	—	10-2276	CAPA-10-12851	GELC
R-40	8691	649.7	12/04/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	81.3	—	—	3.50E-01	mg/L	—	—	10-821	CAPA-10-6790	GELC
R-40	8691	649.7	08/31/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	72	—	—	3.50E-01	mg/L	—	—	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	10/20/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.26	—	—	8.50E-02	mg/L	—	—	11-223	CAPA-10-26919	GELC
R-40	8691	649.7	07/28/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.31	—	—	8.50E-02	mg/L	—	—	10-3892	CAPA-10-24071	GELC
R-40	8691	649.7	03/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.59	—	—	8.50E-02	mg/L	—	—	10-2276	CAPA-10-12850	GELC
R-40	8691	649.7	12/04/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.02	—	—	8.50E-02	mg/L	—	—	10-821	CAPA-10-6791	GELC
R-40	8691	649.7	08/31/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.11	—	—	8.50E-02	mg/L	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	10/20/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.26	—	—	8.50E-02	mg/L	—	—	11-223	CAPA-10-26917	GELC
R-40	8691	649.7	07/28/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.25	—	—	8.50E-02	mg/L	—	—	10-3892	CAPA-10-24070	GELC
R-40	8691	649.7	03/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.38	—	—	8.50E-02	mg/L	—	—	10-2276	CAPA-10-12851	GELC
R-40	8691	649.7	12/04/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.11	—	—	8.50E-02	mg/L	—	—	10-821	CAPA-10-6790	GELC
R-40	8691	649.7	08/31/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7	—	—	8.50E-02	mg/L	—	—	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	10/20/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.87	—	—	5.00E-02	mg/L	—	—	11-223	CAPA-10-26919	GELC
R-40	8691	649.7	07/28/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.93	—	—	5.00E-02	mg/L	—	—	10-3892	CAPA-10-24071	GELC
R-40	8691	649.7	03/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.03	—	—	5.00E-02	mg/L	—	—	10-2276	CAPA-10-12850	GELC
R-40	8691	649.7	12/04/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.51	—	—	5.00E-01	mg/L	—	—	10-821	CAPA-10-6791	GELC
R-40	8691	649.7	08/31/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.72	—	—	5.00E-02	mg/L	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	10/20/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.86	—	—	5.00E-02	mg/L	—	—	11-223	CAPA-10-26917	GELC
R-40	8691	649.7	07/28/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.91	—	—	5.00E-02	mg/L	—	—	10-3892	CAPA-10-24070	GELC
R-40	8691	649.7	03/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.95	—	—	5.00E-02	mg/L	—	—	10-2276	CAPA-10-12851	GELC
R-40	8691	649.7	12/04/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.72	—	—	5.00E-01	mg/L	—	—	10-821	CAPA-10-6790	GELC
R-40	8691	649.7	08/31/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.72	—	—	5.00E-02	mg/L	—	—	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	10/20/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.8	—	—	1.00E-01	mg/L	—	—	11-223	CAPA-10-26919	GELC
R-40	8691	649.7	07/28/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	21.3	—	—	1.00E-01	mg/L	—	—	10-3892	CAPA-10-24071	GELC
R-40	8691	649.7	03/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	24.1	—	—	1.00E-01	mg/L	—	—	10-2276	CAPA-10-12850	GELC
R-40	8691	649.7	12/04/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	23.2	—	—	1.00E+00	mg/L	—	—	10-821	CAPA-10-6791	GELC
R-40	8691	649.7	08/31/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.9	—	—	1.00E-01	mg/L	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	10/20/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	21	—	—	1.00E-01	mg/L	—	—	11-223	CAPA-10-26917	GELC
R-40	8691	649.7	07/28/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	21.1	—	—	1.00E-01	mg/L	—	—	10-3892	CAPA-10-24070	GELC
R-40	8691	649.7	03/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	23.4	—	—	1.00E-01	mg/L	—	—	10-2276	CAPA-10-12851	GELC
R-40	8691	649.7	12/04/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	23.2	—	—	1.00E+00	mg/L	—	—	10-821	CAPA-10-6790	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-40	8691	649.7	08/31/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	21	—	—	1.00E-01	mg/L	—	—	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	10/20/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	251	—	—	1.00E+00	uS/cm	—	—	11-223	CAPA-10-26919	GELC
R-40	8691	649.7	07/28/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	241	—	—	1.00E+00	uS/cm	—	—	10-3892	CAPA-10-24071	GELC
R-40	8691	649.7	03/03/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	255	—	—	1.00E+00	uS/cm	—	—	10-2276	CAPA-10-12850	GELC
R-40	8691	649.7	12/04/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	243	—	—	1.00E+00	uS/cm	—	—	10-821	CAPA-10-6791	GELC
R-40	8691	649.7	10/20/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.18	—	—	1.00E-01	mg/L	—	—	11-223	CAPA-10-26919	GELC
R-40	8691	649.7	07/28/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.33	—	—	1.00E-01	mg/L	—	—	10-3892	CAPA-10-24071	GELC
R-40	8691	649.7	03/03/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.21	—	—	1.00E-01	mg/L	—	—	10-2276	CAPA-10-12850	GELC
R-40	8691	649.7	12/04/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.18	—	—	1.00E-01	mg/L	H	J-	10-821	CAPA-10-6791	GELC
R-40	8691	649.7	08/31/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.63	—	—	1.00E-01	mg/L	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	10/20/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	164	—	—	4.80E+00	mg/L	—	—	11-223	CAPA-10-26919	GELC
R-40	8691	649.7	07/28/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	91	—	—	2.40E+00	mg/L	—	—	10-3892	CAPA-10-24071	GELC
R-40	8691	649.7	03/03/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	189	—	—	2.40E+00	mg/L	—	—	10-2276	CAPA-10-12850	GELC
R-40	8691	649.7	12/04/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	184	—	—	2.40E+00	mg/L	—	—	10-821	CAPA-10-6791	GELC
R-40	8691	649.7	08/31/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	191	—	—	2.40E+00	mg/L	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	10/20/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.252	—	—	3.30E-02	mg/L	—	J	11-222	CAPA-10-26917	GELC
R-40	8691	649.7	07/28/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.195	—	—	3.30E-02	mg/L	—	—	10-3891	CAPA-10-24070	GELC
R-40	8691	649.7	03/03/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.054	—	—	3.30E-02	mg/L	J	J	10-2276	CAPA-10-12851	GELC
R-40	8691	649.7	12/04/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.189	—	—	3.30E-02	mg/L	—	U	10-820	CAPA-10-6790	GELC
R-40	8691	649.7	08/31/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.078	—	—	3.30E-02	mg/L	J	J	09-3052	CAPA-09-12253	GELC
R-40	8691	649.7	10/20/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	13.5	—	—	1.70E+00	mg/L	—	—	11-222	CAPA-10-26917	GELC
R-40	8691	649.7	07/28/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	11.9	—	—	6.60E-01	mg/L	—	—	10-3891	CAPA-10-24070	GELC
R-40	8691	649.7	03/03/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	14.5	—	—	6.60E-01	mg/L	—	—	10-2276	CAPA-10-12851	GELC
R-40	8691	649.7	12/04/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	12.5	—	—	3.30E-01	mg/L	—	—	10-820	CAPA-10-6790	GELC
R-40	8691	649.7	08/31/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	10	—	—	3.30E-01	mg/L	—	—	09-3052	CAPA-09-12253	GELC
R-40	8691	649.7	10/20/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.66	—	—	1.00E-02	SU	H	J-	11-223	CAPA-10-26919	GELC
R-40	8691	649.7	07/28/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.58	—	—	1.00E-02	SU	H	J-	10-3892	CAPA-10-24071	GELC
R-40	8691	649.7	03/03/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.42	—	—	1.00E-02	SU	H	J-	10-2276	CAPA-10-12850	GELC
R-40	8691	649.7	12/04/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.47	—	—	1.00E-02	SU	H	J-	10-821	CAPA-10-6791	GELC
R-40	8691	649.7	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	26.8	—	—	1.00E+00	ug/L	—	—	11-223	CAPA-10-26919	GELC
R-40	8691	649.7	07/28/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	28	—	—	1.00E+00	ug/L	—	—	10-3892	CAPA-10-24071	GELC
R-40	8691	649.7	03/03/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	29.8	—	—	1.00E+00	ug/L	—	—	10-2276	CAPA-10-12850	GELC
R-40	8691	649.7	12/04/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	27.6	—	—	1.00E+00	ug/L	—	—	10-821	CAPA-10-6791	GELC
R-40	8691	649.7	08/31/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	23.5	—	—	1.00E+00	ug/L	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	10/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27	—	—	1.00E+00	ug/L	—	—	11-223	CAPA-10-26917	GELC
R-40	8691	649.7	07/28/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.8	—	—	1.00E+00	ug/L	—	—	10-3892	CAPA-10-24070	GELC
R-40	8691	649.7	03/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	29.3	—	—	1.00E+00	ug/L	—	—	10-2276	CAPA-10-12851	GELC
R-40	8691	649.7	12/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28.1	—	—	1.00E+00	ug/L	—	—	10-821	CAPA-10-6790	GELC
R-40	8691	649.7	08/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	24.9	—	—	1.00E+00	ug/L	—	—	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	16.9	—	—	1.50E+01	ug/L	J	J	11-223	CAPA-10-26919	GELC
R-40	8691	649.7	07/28/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	18.9	—	—	1.50E+01	ug/L	J	J	10-3892	CAPA-10-24071	GELC
R-40	8691	649.7	03/03/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	17.9	—	—	1.50E+01	ug/L	J	J	10-2276	CAPA-10-12850	GELC
R-40	8691	649.7	12/04/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-821	CAPA-10-6791	GELC
R-40	8691	649.7	08/31/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.5	—	—	1.50E+01	ug/L	J	J	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	10/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.2	—	—	1.50E+01	ug/L	J	J	11-223	CAPA-10-26917	GELC
R-40	8691	649.7	07/28/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	18.8	—	—	1.50E+01	ug/L	J	J	10-3892	CAPA-10-24070	GELC
R-40	8691	649.7	03/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	17.6	—	—	1.50E+01	ug/L	J	J	10-2276	CAPA-10-12851	GELC
R-40	8691	649.7	12/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-821	CAPA-10-6790	GELC
R-40	8691	649.7	08/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.9	—	—	1.50E+01	ug/L	J	J	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	10/20/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.63	—	—	2.50E+00	ug/L	J	J	11-223	CAPA-10-26919	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-40	8691	649.7	07/28/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-3892	CAPA-10-24071	GELC
R-40	8691	649.7	03/03/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	6.4	—	—	2.50E+00	ug/L	J	U	10-2276	CAPA-10-12850	GELC
R-40	8691	649.7	12/04/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-821	CAPA-10-6791	GELC
R-40	8691	649.7	08/31/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	10/20/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.66	—	—	2.50E+00	ug/L	J	J	11-223	CAPA-10-26917	GELC
R-40	8691	649.7	07/28/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-3892	CAPA-10-24070	GELC
R-40	8691	649.7	03/03/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	6.33	—	—	2.50E+00	ug/L	J	U	10-2276	CAPA-10-12851	GELC
R-40	8691	649.7	12/04/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-821	CAPA-10-6790	GELC
R-40	8691	649.7	08/31/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	14	—	—	3.00E+00	ug/L	—	—	11-223	CAPA-10-26919	GELC
R-40	8691	649.7	07/28/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	10-3892	CAPA-10-24071	GELC
R-40	8691	649.7	03/03/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	10-2276	CAPA-10-12850	GELC
R-40	8691	649.7	12/04/09	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	10-821	CAPA-10-6791	GELC
R-40	8691	649.7	08/31/09	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	07/28/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	10-3892	CAPA-10-24070	GELC
R-40	8691	649.7	03/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	10-2276	CAPA-10-12851	GELC
R-40	8691	649.7	12/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	10-821	CAPA-10-6790	GELC
R-40	8691	649.7	08/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	1190	—	—	3.00E+01	ug/L	—	—	11-223	CAPA-10-26919	GELC
R-40	8691	649.7	07/28/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	1210	—	—	3.00E+01	ug/L	—	—	10-3892	CAPA-10-24071	GELC
R-40	8691	649.7	03/03/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	1420	—	—	3.00E+01	ug/L	—	J	10-2276	CAPA-10-12850	GELC
R-40	8691	649.7	12/04/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	1410	—	—	3.00E+01	ug/L	—	—	10-821	CAPA-10-6791	GELC
R-40	8691	649.7	08/31/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	1320	—	—	3.00E+01	ug/L	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	10/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1190	—	—	3.00E+01	ug/L	—	—	11-223	CAPA-10-26917	GELC
R-40	8691	649.7	07/28/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1210	—	—	3.00E+01	ug/L	—	—	10-3892	CAPA-10-24070	GELC
R-40	8691	649.7	03/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1420	—	—	3.00E+01	ug/L	—	J	10-2276	CAPA-10-12851	GELC
R-40	8691	649.7	12/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1470	—	—	3.00E+01	ug/L	—	—	10-821	CAPA-10-6790	GELC
R-40	8691	649.7	08/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1390	—	—	3.00E+01	ug/L	—	—	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	340	—	—	2.00E+00	ug/L	—	—	11-223	CAPA-10-26919	GELC
R-40	8691	649.7	07/28/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	366	—	—	2.00E+00	ug/L	—	—	10-3892	CAPA-10-24071	GELC
R-40	8691	649.7	03/03/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	398	—	—	2.00E+00	ug/L	—	—	10-2276	CAPA-10-12850	GELC
R-40	8691	649.7	12/04/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	372	—	—	2.00E+00	ug/L	—	—	10-821	CAPA-10-6791	GELC
R-40	8691	649.7	08/31/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	313	—	—	2.00E+00	ug/L	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	10/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	346	—	—	2.00E+00	ug/L	—	—	11-223	CAPA-10-26917	GELC
R-40	8691	649.7	07/28/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	363	—	—	2.00E+00	ug/L	—	—	10-3892	CAPA-10-24070	GELC
R-40	8691	649.7	03/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	392	—	—	2.00E+00	ug/L	—	—	10-2276	CAPA-10-12851	GELC
R-40	8691	649.7	12/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	374	—	—	2.00E+00	ug/L	—	—	10-821	CAPA-10-6790	GELC
R-40	8691	649.7	08/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	325	—	—	2.00E+00	ug/L	—	—	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	10/20/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	18.3	—	—	1.00E-01	ug/L	E	—	11-223	CAPA-10-26919	GELC
R-40	8691	649.7	07/28/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	16.9	—	—	1.00E-01	ug/L	—	—	10-3892	CAPA-10-24071	GELC
R-40	8691	649.7	03/03/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	22	—	—	1.00E-01	ug/L	—	—	10-2276	CAPA-10-12850	GELC
R-40	8691	649.7	12/04/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	20	—	—	1.00E-01	ug/L	—	—	10-821	CAPA-10-6791	GELC
R-40	8691	649.7	08/31/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	20.2	—	—	1.00E-01	ug/L	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	10/20/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	17.5	—	—	1.00E-01	ug/L	E	—	11-223	CAPA-10-26917	GELC
R-40	8691	649.7	07/28/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	17.2	—	—	1.00E-01	ug/L	—	—	10-3892	CAPA-10-24070	GELC
R-40	8691	649.7	03/03/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	21.8	—	—	1.00E-01	ug/L	—	—	10-2276	CAPA-10-12851	GELC
R-40	8691	649.7	12/04/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	20.6	—	—	1.00E-01	ug/L	—	—	10-821	CAPA-10-6790	GELC
R-40	8691	649.7	08/31/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	21.2	—	—	1.00E-01	ug/L	—	—	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	10/20/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.925	—	—	5.00E-01	ug/L	J	J	11-223	CAPA-10-26919	GELC
R-40	8691	649.7	07/28/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.706	—	—	5.00E-01	ug/L	J	J	10-3892	CAPA-10-24071	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-40	8691	649.7	03/03/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.953	—	—	5.00E-01	ug/L	J	J	10-2276	CAPA-10-12850	GELC
R-40	8691	649.7	12/04/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.868	—	—	5.00E-01	ug/L	J	J	10-821	CAPA-10-6791	GELC
R-40	8691	649.7	08/31/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.866	—	—	5.00E-01	ug/L	J	J	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	10/20/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.833	—	—	5.00E-01	ug/L	J	J	11-223	CAPA-10-26917	GELC
R-40	8691	649.7	07/28/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.506	—	—	5.00E-01	ug/L	J	J	10-3892	CAPA-10-24070	GELC
R-40	8691	649.7	03/03/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.988	—	—	5.00E-01	ug/L	J	J	10-2276	CAPA-10-12851	GELC
R-40	8691	649.7	12/04/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.758	—	—	5.00E-01	ug/L	J	J	10-821	CAPA-10-6790	GELC
R-40	8691	649.7	08/31/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.18	—	—	5.00E-01	ug/L	J	J	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	49.4	—	—	5.30E-02	mg/L	—	—	11-223	CAPA-10-26919	GELC
R-40	8691	649.7	07/28/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	53.5	—	—	5.30E-02	mg/L	—	—	10-3892	CAPA-10-24071	GELC
R-40	8691	649.7	03/03/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	52.2	—	—	5.30E-02	mg/L	—	—	10-2276	CAPA-10-12850	GELC
R-40	8691	649.7	12/04/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	51.3	—	—	5.30E-02	mg/L	—	—	10-821	CAPA-10-6791	GELC
R-40	8691	649.7	08/31/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	50.3	—	—	5.30E-02	mg/L	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	95.9	—	—	1.00E+00	ug/L	—	—	11-223	CAPA-10-26919	GELC
R-40	8691	649.7	07/28/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	98.7	—	—	1.00E+00	ug/L	—	—	10-3892	CAPA-10-24071	GELC
R-40	8691	649.7	03/03/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	106	—	—	1.00E+00	ug/L	—	—	10-2276	CAPA-10-12850	GELC
R-40	8691	649.7	12/04/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	100	—	—	1.00E+00	ug/L	—	—	10-821	CAPA-10-6791	GELC
R-40	8691	649.7	08/31/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	90.5	—	—	1.00E+00	ug/L	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	10/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	97	—	—	1.00E+00	ug/L	—	—	11-223	CAPA-10-26917	GELC
R-40	8691	649.7	07/28/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	97.9	—	—	1.00E+00	ug/L	—	—	10-3892	CAPA-10-24070	GELC
R-40	8691	649.7	03/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	104	—	—	1.00E+00	ug/L	—	—	10-2276	CAPA-10-12851	GELC
R-40	8691	649.7	12/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	101	—	—	1.00E+00	ug/L	—	—	10-821	CAPA-10-6790	GELC
R-40	8691	649.7	08/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	90	—	—	1.00E+00	ug/L	—	—	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	10/20/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.369	—	—	5.00E-02	ug/L	—	—	11-223	CAPA-10-26919	GELC
R-40	8691	649.7	07/28/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.351	—	—	5.00E-02	ug/L	—	—	10-3892	CAPA-10-24071	GELC
R-40	8691	649.7	03/03/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.27	—	—	5.00E-02	ug/L	—	—	10-2276	CAPA-10-12850	GELC
R-40	8691	649.7	12/04/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.483	—	—	5.00E-02	ug/L	—	U	10-821	CAPA-10-6791	GELC
R-40	8691	649.7	08/31/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.677	—	—	5.00E-02	ug/L	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	10/20/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.372	—	—	5.00E-02	ug/L	—	—	11-223	CAPA-10-26917	GELC
R-40	8691	649.7	07/28/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.373	—	—	5.00E-02	ug/L	—	—	10-3892	CAPA-10-24070	GELC
R-40	8691	649.7	03/03/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.271	—	—	5.00E-02	ug/L	—	—	10-2276	CAPA-10-12851	GELC
R-40	8691	649.7	12/04/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.522	—	—	5.00E-02	ug/L	—	U	10-821	CAPA-10-6790	GELC
R-40	8691	649.7	08/31/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.614	—	—	5.00E-02	ug/L	—	—	09-3053	CAPA-09-12253	GELC
R-40	8701	751.6	10/20/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	93.5	—	—	7.30E-01	mg/L	—	—	11-223	CAPA-10-26920	GELC
R-40	8701	751.6	07/28/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	102	—	—	7.30E-01	mg/L	—	—	10-3892	CAPA-10-24074	GELC
R-40	8701	751.6	06/04/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	94.4	—	—	7.30E-01	mg/L	—	—	10-3308	CAPA-10-17905	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	93.8	—	—	7.30E-01	mg/L	—	—	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	10/20/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.2	—	—	5.00E-02	mg/L	—	—	11-223	CAPA-10-26920	GELC
R-40	8701	751.6	07/28/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.9	—	—	5.00E-02	mg/L	—	—	10-3892	CAPA-10-24074	GELC
R-40	8701	751.6	06/04/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.6	—	—	5.00E-02	mg/L	—	—	10-3308	CAPA-10-17905	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.6	—	—	5.00E-02	mg/L	—	—	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	10/20/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.9	—	—	5.00E-02	mg/L	—	—	11-223	CAPA-10-26922	GELC
R-40	8701	751.6	07/28/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.6	—	—	5.00E-02	mg/L	—	—	10-3892	CAPA-10-24073	GELC
R-40	8701	751.6	06/04/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21	—	—	5.00E-02	mg/L	—	—	10-3308	CAPA-10-17906	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22	—	—	5.00E-02	mg/L	—	—	10-2058	CAPA-10-13083	GELC
R-40	8701	751.6	10/20/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.14	—	—	6.60E-02	mg/L	—	—	11-223	CAPA-10-26920	GELC
R-40	8701	751.6	07/28/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.24	—	—	6.60E-02	mg/L	—	—	10-3892	CAPA-10-24074	GELC
R-40	8701	751.6	06/04/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.22	—	—	6.60E-02	mg/L	—	—	10-3308	CAPA-10-17905	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.05	—	—	6.60E-02	mg/L	—	—	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	10/20/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.315	—	—	3.30E-02	mg/L	—	—	11-223	CAPA-10-26920	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-40	8701	751.6	07/28/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.276	—	—	3.30E-02	mg/L	—	—	10-3892	CAPA-10-24074	GELC
R-40	8701	751.6	06/04/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.368	—	—	3.30E-02	mg/L	—	—	10-3308	CAPA-10-17905	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.315	—	—	3.30E-02	mg/L	—	U	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	10/20/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	73.6	—	—	3.50E-01	mg/L	—	—	11-223	CAPA-10-26920	GELC
R-40	8701	751.6	07/28/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	82.5	—	—	3.50E-01	mg/L	—	—	10-3892	CAPA-10-24074	GELC
R-40	8701	751.6	06/04/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	80.3	—	—	3.50E-01	mg/L	—	—	10-3308	CAPA-10-17905	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	80.4	—	—	3.50E-01	mg/L	—	—	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	10/20/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	72.1	—	—	3.50E-01	mg/L	—	—	11-223	CAPA-10-26922	GELC
R-40	8701	751.6	07/28/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	84.9	—	—	3.50E-01	mg/L	—	—	10-3892	CAPA-10-24073	GELC
R-40	8701	751.6	06/04/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	77.4	—	—	3.50E-01	mg/L	—	—	10-3308	CAPA-10-17906	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	82.6	—	—	3.50E-01	mg/L	—	—	10-2058	CAPA-10-13083	GELC
R-40	8701	751.6	10/20/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.22	—	—	8.50E-02	mg/L	—	—	11-223	CAPA-10-26920	GELC
R-40	8701	751.6	07/28/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.77	—	—	8.50E-02	mg/L	—	—	10-3892	CAPA-10-24074	GELC
R-40	8701	751.6	06/04/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.37	—	—	8.50E-02	mg/L	—	—	10-3308	CAPA-10-17905	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.44	—	—	8.50E-02	mg/L	—	—	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	10/20/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.08	—	—	8.50E-02	mg/L	—	—	11-223	CAPA-10-26922	GELC
R-40	8701	751.6	07/28/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.89	—	—	8.50E-02	mg/L	—	—	10-3892	CAPA-10-24073	GELC
R-40	8701	751.6	06/04/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.06	—	—	8.50E-02	mg/L	—	—	10-3308	CAPA-10-17906	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.7	—	—	8.50E-02	mg/L	—	—	10-2058	CAPA-10-13083	GELC
R-40	8701	751.6	10/20/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.203	—	—	5.00E-02	mg/L	J	J	11-223	CAPA-10-26920	GELC
R-40	8701	751.6	07/28/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.111	—	—	5.00E-02	mg/L	J	J	10-3892	CAPA-10-24074	GELC
R-40	8701	751.6	06/04/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.092	—	—	5.00E-02	mg/L	J	J+	10-3308	CAPA-10-17905	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.183	—	—	5.00E-02	mg/L	J	J	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	10/20/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0881	—	—	5.00E-02	ug/L	J	J	11-223	CAPA-10-26920	GELC
R-40	8701	751.6	07/28/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	<	0.2	—	—	5.00E-02	ug/L	U	U	10-3892	CAPA-10-24074	GELC
R-40	8701	751.6	06/04/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.084	—	—	5.00E-02	ug/L	J	J	10-3308	CAPA-10-17905	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.054	—	—	5.00E-02	ug/L	J	J	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	10/20/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.86	—	—	5.00E-02	mg/L	—	—	11-223	CAPA-10-26920	GELC
R-40	8701	751.6	07/28/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.7	—	—	5.00E-02	mg/L	—	—	10-3892	CAPA-10-24074	GELC
R-40	8701	751.6	06/04/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.81	—	—	5.00E-02	mg/L	—	—	10-3308	CAPA-10-17905	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.69	—	—	5.00E-02	mg/L	—	—	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	10/20/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.8	—	—	5.00E-02	mg/L	—	—	11-223	CAPA-10-26922	GELC
R-40	8701	751.6	07/28/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.77	—	—	5.00E-02	mg/L	—	—	10-3892	CAPA-10-24073	GELC
R-40	8701	751.6	06/04/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.75	—	—	5.00E-02	mg/L	—	—	10-3308	CAPA-10-17906	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.73	—	—	5.00E-02	mg/L	—	—	10-2058	CAPA-10-13083	GELC
R-40	8701	751.6	10/20/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.9	—	—	1.00E-01	mg/L	—	—	11-223	CAPA-10-26920	GELC
R-40	8701	751.6	07/28/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.3	—	—	1.00E-01	mg/L	—	—	10-3892	CAPA-10-24074	GELC
R-40	8701	751.6	06/04/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.8	—	—	1.00E-01	mg/L	—	—	10-3308	CAPA-10-17905	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.8	—	—	1.00E-01	mg/L	—	—	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	10/20/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.6	—	—	1.00E-01	mg/L	—	—	11-223	CAPA-10-26922	GELC
R-40	8701	751.6	07/28/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.9	—	—	1.00E-01	mg/L	—	—	10-3892	CAPA-10-24073	GELC
R-40	8701	751.6	06/04/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.3	—	—	1.00E-01	mg/L	—	—	10-3308	CAPA-10-17906	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.9	—	—	1.00E-01	mg/L	—	—	10-2058	CAPA-10-13083	GELC
R-40	8701	751.6	10/20/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	200	—	—	1.00E+00	uS/cm	—	—	11-223	CAPA-10-26920	GELC
R-40	8701	751.6	07/28/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	215	—	—	1.00E+00	uS/cm	—	—	10-3892	CAPA-10-24074	GELC
R-40	8701	751.6	06/04/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	215	—	—	1.00E+00	uS/cm	—	—	10-3308	CAPA-10-17905	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	211	—	—	1.00E+00	uS/cm	—	—	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	10/20/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.12	—	—	1.00E-01	mg/L	—	—	11-223	CAPA-10-26920	GELC
R-40	8701	751.6	07/28/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.47	—	—	1.00E-01	mg/L	—	—	10-3892	CAPA-10-24074	GELC
R-40	8701	751.6	06/04/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.82	—	—	1.00E-01	mg/L	—	—	10-3308	CAPA-10-17905	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-40	8701	751.6	02/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.69	—	—	1.00E-01	mg/L	—	—	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	10/20/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	153	—	—	2.40E+00	mg/L	—	—	11-223	CAPA-10-26920	GELC
R-40	8701	751.6	07/28/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	174	—	—	2.40E+00	mg/L	—	—	10-3892	CAPA-10-24074	GELC
R-40	8701	751.6	06/04/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	162	—	—	2.40E+00	mg/L	—	J	10-3308	CAPA-10-17905	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	167	—	—	2.40E+00	mg/L	—	—	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	10/20/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.24	—	—	3.30E-01	mg/L	—	—	11-222	CAPA-10-26922	GELC
R-40	8701	751.6	07/28/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.941	—	—	3.30E-01	mg/L	J	J	10-3891	CAPA-10-24073	GELC
R-40	8701	751.6	06/04/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.95	—	—	3.30E-01	mg/L	—	—	10-3308	CAPA-10-17906	GELC
R-40	8701	751.6	12/04/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.88	—	—	3.30E-01	mg/L	—	—	10-820	CAPA-10-6803	GELC
R-40	8701	751.6	10/20/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.36	—	—	1.00E-02	SU	H	J-	11-223	CAPA-10-26920	GELC
R-40	8701	751.6	07/28/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.19	—	—	1.00E-02	SU	H	J-	10-3892	CAPA-10-24074	GELC
R-40	8701	751.6	06/04/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.09	—	—	1.00E-02	SU	H	J-	10-3308	CAPA-10-17905	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.84	—	—	1.00E-02	SU	H	J-	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	10/20/10	WG	F	CS	—	Metals	SW-846:6020	Antimony	—	9.26	—	—	5.00E-01	ug/L	—	—	11-223	CAPA-10-26920	GELC
R-40	8701	751.6	07/28/10	WG	F	CS	—	Metals	SW-846:6020	Antimony	—	0.6	—	—	5.00E-01	ug/L	J	J	10-3892	CAPA-10-24074	GELC
R-40	8701	751.6	06/04/10	WG	F	CS	—	Metals	SW-846:6020	Antimony	—	8.64	—	—	5.00E-01	ug/L	—	—	10-3308	CAPA-10-17905	GELC
R-40	8701	751.6	06/04/10	WG	F	RE	—	Metals	SW-846:6020	Antimony	—	7.5	—	—	5.00E-01	ug/L	—	—	10-3308	CAPA-10-17905	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Metals	SW-846:6020	Antimony	—	0.802	—	—	5.00E-01	ug/L	J	J	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	10/20/10	WG	UF	CS	—	Metals	SW-846:6020	Antimony	—	8.94	—	—	5.00E-01	ug/L	—	—	11-223	CAPA-10-26922	GELC
R-40	8701	751.6	07/28/10	WG	UF	CS	—	Metals	SW-846:6020	Antimony	—	0.6	—	—	5.00E-01	ug/L	J	J	10-3892	CAPA-10-24073	GELC
R-40	8701	751.6	06/04/10	WG	UF	CS	—	Metals	SW-846:6020	Antimony	—	8.27	—	—	5.00E-01	ug/L	—	—	10-3308	CAPA-10-17906	GELC
R-40	8701	751.6	06/04/10	WG	UF	RE	—	Metals	SW-846:6020	Antimony	—	6.37	—	—	5.00E-01	ug/L	—	—	10-3308	CAPA-10-17906	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Metals	SW-846:6020	Antimony	—	0.672	—	—	5.00E-01	ug/L	J	J	10-2058	CAPA-10-13083	GELC
R-40	8701	751.6	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	26.5	—	—	1.00E+00	ug/L	—	—	11-223	CAPA-10-26920	GELC
R-40	8701	751.6	07/28/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	27.7	—	—	1.00E+00	ug/L	—	—	10-3892	CAPA-10-24074	GELC
R-40	8701	751.6	06/04/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	28.5	—	—	1.00E+00	ug/L	—	—	10-3308	CAPA-10-17905	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	34.2	—	—	1.00E+00	ug/L	—	—	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	10/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	26.2	—	—	1.00E+00	ug/L	—	—	11-223	CAPA-10-26922	GELC
R-40	8701	751.6	07/28/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28.8	—	—	1.00E+00	ug/L	—	—	10-3892	CAPA-10-24073	GELC
R-40	8701	751.6	06/04/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.6	—	—	1.00E+00	ug/L	—	—	10-3308	CAPA-10-17906	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	34.7	—	—	1.00E+00	ug/L	—	—	10-2058	CAPA-10-13083	GELC
R-40	8701	751.6	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	18.3	—	—	1.50E+01	ug/L	J	J	11-223	CAPA-10-26920	GELC
R-40	8701	751.6	07/28/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	17.6	—	—	1.50E+01	ug/L	J	J	10-3892	CAPA-10-24074	GELC
R-40	8701	751.6	06/04/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	21.2	—	—	1.50E+01	ug/L	J	J	10-3308	CAPA-10-17905	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.2	—	—	1.50E+01	ug/L	J	J	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	10/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	17.5	—	—	1.50E+01	ug/L	J	J	11-223	CAPA-10-26922	GELC
R-40	8701	751.6	07/28/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	18.4	—	—	1.50E+01	ug/L	J	J	10-3892	CAPA-10-24073	GELC
R-40	8701	751.6	06/04/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	18.9	—	—	1.50E+01	ug/L	J	J	10-3308	CAPA-10-17906	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.2	—	—	1.50E+01	ug/L	J	J	10-2058	CAPA-10-13083	GELC
R-40	8701	751.6	10/20/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.05	—	—	2.50E+00	ug/L	J	J	11-223	CAPA-10-26920	GELC
R-40	8701	751.6	07/28/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-3892	CAPA-10-24074	GELC
R-40	8701	751.6	06/04/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-3308	CAPA-10-17905	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	4.16	—	—	2.50E+00	ug/L	J	U	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	10/20/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.56	—	—	2.50E+00	ug/L	J	J	11-223	CAPA-10-26922	GELC
R-40	8701	751.6	07/28/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-3892	CAPA-10-24073	GELC
R-40	8701	751.6	06/04/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.98	—	—	2.50E+00	ug/L	J	J	10-3308	CAPA-10-17906	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	4.98	—	—	2.50E+00	ug/L	J	U	10-2058	CAPA-10-13083	GELC
R-40	8701	751.6	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	3.33	—	—	3.00E+00	ug/L	J	J	11-223	CAPA-10-26920	GELC
R-40	8701	751.6	07/28/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	10-3892	CAPA-10-24074	GELC
R-40	8701	751.6	06/04/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	10-3308	CAPA-10-17905	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-40	8701	751.6	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	3.31	—	—	3.00E+00	ug/L	J	J	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	10/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	8.82	—	—	3.00E+00	ug/L	J	J	11-223	CAPA-10-26922	GELC
R-40	8701	751.6	07/28/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	10-3892	CAPA-10-24073	GELC
R-40	8701	751.6	06/04/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	8.07	—	—	3.00E+00	ug/L	J	J	10-3308	CAPA-10-17906	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	5.79	—	—	3.00E+00	ug/L	J	J	10-2058	CAPA-10-13083	GELC
R-40	8701	751.6	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	4.01	—	—	2.00E+00	ug/L	J	J	11-223	CAPA-10-26920	GELC
R-40	8701	751.6	07/28/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	9.74	—	—	2.00E+00	ug/L	J	J	10-3892	CAPA-10-24074	GELC
R-40	8701	751.6	06/04/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	48.4	—	—	2.00E+00	ug/L	—	—	10-3308	CAPA-10-17905	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	124	—	—	2.00E+00	ug/L	—	—	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	10/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.03	—	—	2.00E+00	ug/L	J	J	11-223	CAPA-10-26922	GELC
R-40	8701	751.6	07/28/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	11.2	—	—	2.00E+00	ug/L	—	—	10-3892	CAPA-10-24073	GELC
R-40	8701	751.6	06/04/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	60	—	—	2.00E+00	ug/L	—	—	10-3308	CAPA-10-17906	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	120	—	—	2.00E+00	ug/L	—	—	10-2058	CAPA-10-13083	GELC
R-40	8701	751.6	10/20/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	6.71	—	—	1.00E-01	ug/L	E	—	11-223	CAPA-10-26920	GELC
R-40	8701	751.6	07/28/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	6.42	—	—	1.00E-01	ug/L	—	—	10-3892	CAPA-10-24074	GELC
R-40	8701	751.6	06/04/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	9.32	—	—	1.00E-01	ug/L	—	—	10-3308	CAPA-10-17905	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	11.2	—	—	1.00E-01	ug/L	—	—	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	10/20/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	6.62	—	—	1.00E-01	ug/L	E	—	11-223	CAPA-10-26922	GELC
R-40	8701	751.6	07/28/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	6.68	—	—	1.00E-01	ug/L	—	—	10-3892	CAPA-10-24073	GELC
R-40	8701	751.6	06/04/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	10.2	—	—	1.00E-01	ug/L	—	—	10-3308	CAPA-10-17906	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	12.1	—	—	1.00E-01	ug/L	—	—	10-2058	CAPA-10-13083	GELC
R-40	8701	751.6	10/20/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.41	—	—	5.00E-01	ug/L	—	—	11-223	CAPA-10-26920	GELC
R-40	8701	751.6	07/28/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.33	—	—	5.00E-01	ug/L	J	J	10-3892	CAPA-10-24074	GELC
R-40	8701	751.6	06/04/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	14.8	—	—	5.00E-01	ug/L	—	J	10-3308	CAPA-10-17905	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	14.4	—	—	5.00E-01	ug/L	—	—	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	10/20/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.77	—	—	5.00E-01	ug/L	—	—	11-223	CAPA-10-26922	GELC
R-40	8701	751.6	07/28/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.35	—	—	5.00E-01	ug/L	J	J	10-3892	CAPA-10-24073	GELC
R-40	8701	751.6	06/04/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	15.8	—	—	5.00E-01	ug/L	—	J	10-3308	CAPA-10-17906	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	12.7	—	—	5.00E-01	ug/L	—	—	10-2058	CAPA-10-13083	GELC
R-40	8701	751.6	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	54.5	—	—	5.30E-02	mg/L	—	—	11-223	CAPA-10-26920	GELC
R-40	8701	751.6	07/28/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	54.7	—	—	5.30E-02	mg/L	—	—	10-3892	CAPA-10-24074	GELC
R-40	8701	751.6	06/04/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	58.9	—	—	5.30E-02	mg/L	—	—	10-3308	CAPA-10-17905	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	55.6	—	—	5.30E-02	mg/L	—	—	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	96.3	—	—	1.00E+00	ug/L	—	—	11-223	CAPA-10-26920	GELC
R-40	8701	751.6	07/28/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	103	—	—	1.00E+00	ug/L	—	—	10-3892	CAPA-10-24074	GELC
R-40	8701	751.6	06/04/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	98.9	—	—	1.00E+00	ug/L	—	—	10-3308	CAPA-10-17905	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	104	—	—	1.00E+00	ug/L	—	—	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	10/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	94.4	—	—	1.00E+00	ug/L	—	—	11-223	CAPA-10-26922	GELC
R-40	8701	751.6	07/28/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	108	—	—	1.00E+00	ug/L	—	—	10-3892	CAPA-10-24073	GELC
R-40	8701	751.6	06/04/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	95.4	—	—	1.00E+00	ug/L	—	—	10-3308	CAPA-10-17906	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	106	—	—	1.00E+00	ug/L	—	—	10-2058	CAPA-10-13083	GELC
R-40	8701	751.6	10/20/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.06	—	—	5.00E-02	ug/L	—	—	11-223	CAPA-10-26920	GELC
R-40	8701	751.6	07/28/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.08	—	—	5.00E-02	ug/L	—	—	10-3892	CAPA-10-24074	GELC
R-40	8701	751.6	06/04/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.998	—	—	5.00E-02	ug/L	—	—	10-3308	CAPA-10-17905	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.883	—	—	5.00E-02	ug/L	—	—	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	10/20/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.01	—	—	5.00E-02	ug/L	—	—	11-223	CAPA-10-26922	GELC
R-40	8701	751.6	07/28/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.09	—	—	5.00E-02	ug/L	—	—	10-3892	CAPA-10-24073	GELC
R-40	8701	751.6	06/04/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.13	—	—	5.00E-02	ug/L	—	—	10-3308	CAPA-10-17906	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.936	—	—	5.00E-02	ug/L	—	—	10-2058	CAPA-10-13083	GELC
R-40	8701	751.6	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.75	—	—	1.00E+00	ug/L	J	J	11-223	CAPA-10-26920	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-40	8701	751.6	07/28/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.65	—	—	1.00E+00	ug/L	J	J	10-3892	CAPA-10-24074	GELC
R-40	8701	751.6	06/04/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.69	—	—	1.00E+00	ug/L	J	J	10-3308	CAPA-10-17905	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.4	—	—	1.00E+00	ug/L	J	J	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	10/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.54	—	—	1.00E+00	ug/L	J	J	11-223	CAPA-10-26922	GELC
R-40	8701	751.6	07/28/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.87	—	—	1.00E+00	ug/L	J	J	10-3892	CAPA-10-24073	GELC
R-40	8701	751.6	06/04/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.4	—	—	1.00E+00	ug/L	J	J	10-3308	CAPA-10-17906	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.68	—	—	1.00E+00	ug/L	J	J	10-2058	CAPA-10-13083	GELC
R-40	8701	751.6	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.86	—	—	3.30E+00	ug/L	J	J	11-223	CAPA-10-26920	GELC
R-40	8701	751.6	07/28/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.77	—	—	3.30E+00	ug/L	J	J	10-3892	CAPA-10-24074	GELC
R-40	8701	751.6	06/04/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	13.4	—	—	3.30E+00	ug/L	—	—	10-3308	CAPA-10-17905	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	22.7	—	—	3.30E+00	ug/L	—	—	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	10/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	10.5	—	—	3.30E+00	ug/L	—	—	11-223	CAPA-10-26922	GELC
R-40	8701	751.6	07/28/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	6.19	—	—	3.30E+00	ug/L	J	J	10-3892	CAPA-10-24073	GELC
R-40	8701	751.6	06/04/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	19.9	—	—	3.30E+00	ug/L	—	—	10-3308	CAPA-10-17906	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	25.1	—	—	3.30E+00	ug/L	—	—	10-2058	CAPA-10-13083	GELC
R-40	8701	751.6	10/20/10	WG	UF	CS	—	SVOA	SW-846:8270C	Bis(2-ethylhexyl)phthalate	—	3.11	—	—	2.20E+00	ug/L	J	J	11-222	CAPA-10-26922	GELC
R-40	8701	751.6	07/28/10	WG	UF	CS	—	SVOA	SW-846:8270C	Bis(2-ethylhexyl)phthalate	<	10.8	—	—	2.20E+00	ug/L	U	U	10-3891	CAPA-10-24073	GELC
R-40	8701	751.6	06/04/10	WG	UF	CS	—	SVOA	SW-846:8270C	Bis(2-ethylhexyl)phthalate	<	10.5	—	—	2.10E+00	ug/L	U	U	10-3307	CAPA-10-17906	GELC
R-40	8701	751.6	12/04/09	WG	UF	CS	—	SVOA	SW-846:8270C	Bis(2-ethylhexyl)phthalate	<	12.2	—	—	2.40E+00	ug/L	U	UJ	10-820	CAPA-10-6803	GELC
R-40	8701	751.6	10/20/10	WG	UF	CS	—	VOA	SW-846:8260B	Butanone[2-]	—	1.87	—	—	1.30E+00	ug/L	J	J	11-222	CAPA-10-26922	GELC
R-40	8701	751.6	07/28/10	WG	UF	CS	—	VOA	SW-846:8260B	Butanone[2-]	<	5	—	—	1.30E+00	ug/L	U	UJ	10-3891	CAPA-10-24073	GELC
R-40	8701	751.6	06/04/10	WG	UF	CS	—	VOA	SW-846:8260B	Butanone[2-]	<	5	—	—	1.30E+00	ug/L	U	UJ	10-3307	CAPA-10-17906	GELC
R-40	8701	751.6	10/20/10	WG	UF	CS	—	VOA	SW-846:8260B	Toluene	—	0.84	—	—	2.50E-01	ug/L	J	J	11-222	CAPA-10-26922	GELC
R-40	8701	751.6	07/28/10	WG	UF	CS	—	VOA	SW-846:8260B	Toluene	<	1	—	—	2.50E-01	ug/L	U	U	10-3891	CAPA-10-24073	GELC
R-40	8701	751.6	06/04/10	WG	UF	CS	—	VOA	SW-846:8260B	Toluene	<	1	—	—	2.50E-01	ug/L	U	U	10-3307	CAPA-10-17906	GELC
R-40	8701	751.6	10/20/10	WG	UF	CS	—	VOA	SW-846:8260B	Trichloroethene	—	0.81	—	—	2.50E-01	ug/L	J	J	11-222	CAPA-10-26922	GELC
R-40	8701	751.6	07/28/10	WG	UF	CS	—	VOA	SW-846:8260B	Trichloroethene	<	1	—	—	2.50E-01	ug/L	U	U	10-3891	CAPA-10-24073	GELC
R-40	8701	751.6	06/04/10	WG	UF	CS	—	VOA	SW-846:8260B	Trichloroethene	—	0.46	—	—	2.50E-01	ug/L	J	J	10-3307	CAPA-10-17906	GELC
R-40	8711	849.3	10/19/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.6	—	—	7.30E-01	mg/L	—	—	11-200	CAPA-10-27412	GELC
R-40	8711	849.3	07/27/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.1	—	—	7.30E-01	mg/L	—	—	10-3850	CAPA-10-24147	GELC
R-40	8711	849.3	06/03/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.6	—	—	7.30E-01	mg/L	—	—	10-3308	CAPA-10-17907	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.8	—	—	7.30E-01	mg/L	—	—	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.6	—	—	7.30E-01	mg/L	—	—	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	10/19/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.046	—	—	1.60E-02	mg/L	J	J-	11-200	CAPA-10-27412	GELC
R-40	8711	849.3	07/27/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	U	10-3850	CAPA-10-24147	GELC
R-40	8711	849.3	06/03/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	U	10-3308	CAPA-10-17907	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	UJ	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	U	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	10/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.1	—	—	5.00E-02	mg/L	—	—	11-200	CAPA-10-27412	GELC
R-40	8711	849.3	07/27/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.7	—	—	5.00E-02	mg/L	—	—	10-3850	CAPA-10-24147	GELC
R-40	8711	849.3	06/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.8	—	—	5.00E-02	mg/L	—	—	10-3308	CAPA-10-17907	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.9	—	—	5.00E-02	mg/L	—	—	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.1	—	—	5.00E-02	mg/L	—	—	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	10/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11	—	—	5.00E-02	mg/L	—	—	11-200	CAPA-10-27413	GELC
R-40	8711	849.3	07/27/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.6	—	—	5.00E-02	mg/L	—	—	10-3850	CAPA-10-24145	GELC
R-40	8711	849.3	06/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.7	—	—	5.00E-02	mg/L	—	—	10-3308	CAPA-10-17908	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11	—	—	5.00E-02	mg/L	—	—	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.8	—	—	5.00E-02	mg/L	—	—	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	10/19/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.84	—	—	6.60E-02	mg/L	—	—	11-200	CAPA-10-27412	GELC
R-40	8711	849.3	07/27/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.95	—	—	6.60E-02	mg/L	—	—	10-3850	CAPA-10-24147	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-40	8711	849.3	06/03/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.92	—	—	6.60E-02	mg/L	—	—	10-3308	CAPA-10-17907	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.75	—	—	6.60E-02	mg/L	—	—	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.81	—	—	6.60E-02	mg/L	—	—	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	10/19/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.195	—	—	3.30E-02	mg/L	—	—	11-200	CAPA-10-27412	GELC
R-40	8711	849.3	07/27/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.248	—	—	3.30E-02	mg/L	—	J-	10-3850	CAPA-10-24147	GELC
R-40	8711	849.3	06/03/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.236	—	—	3.30E-02	mg/L	—	—	10-3308	CAPA-10-17907	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.233	—	—	3.30E-02	mg/L	—	J-	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.465	—	—	3.30E-02	mg/L	—	—	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	10/19/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.1	—	—	3.50E-01	mg/L	—	—	11-200	CAPA-10-27412	GELC
R-40	8711	849.3	07/27/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	42	—	—	3.50E-01	mg/L	—	—	10-3850	CAPA-10-24147	GELC
R-40	8711	849.3	06/03/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38.9	—	—	3.50E-01	mg/L	—	—	10-3308	CAPA-10-17907	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.1	—	—	3.50E-01	mg/L	—	—	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.4	—	—	3.50E-01	mg/L	—	—	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	10/19/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39.8	—	—	3.50E-01	mg/L	—	—	11-200	CAPA-10-27413	GELC
R-40	8711	849.3	07/27/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.6	—	—	3.50E-01	mg/L	—	—	10-3850	CAPA-10-24145	GELC
R-40	8711	849.3	06/03/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.7	—	—	3.50E-01	mg/L	—	—	10-3308	CAPA-10-17908	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39.5	—	—	3.50E-01	mg/L	—	—	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.7	—	—	3.50E-01	mg/L	—	—	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	10/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3	—	—	8.50E-02	mg/L	—	—	11-200	CAPA-10-27412	GELC
R-40	8711	849.3	07/27/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.09	—	—	8.50E-02	mg/L	—	—	10-3850	CAPA-10-24147	GELC
R-40	8711	849.3	06/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.88	—	—	8.50E-02	mg/L	—	—	10-3308	CAPA-10-17907	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.91	—	—	8.50E-02	mg/L	—	—	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.7	—	—	8.50E-02	mg/L	—	—	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	10/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.99	—	—	8.50E-02	mg/L	—	—	11-200	CAPA-10-27413	GELC
R-40	8711	849.3	07/27/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.06	—	—	8.50E-02	mg/L	—	—	10-3850	CAPA-10-24145	GELC
R-40	8711	849.3	06/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.92	—	—	8.50E-02	mg/L	—	—	10-3308	CAPA-10-17908	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.94	—	—	8.50E-02	mg/L	—	—	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.84	—	—	8.50E-02	mg/L	—	—	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	10/19/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.288	—	—	5.00E-02	ug/L	—	—	11-200	CAPA-10-27412	GELC
R-40	8711	849.3	07/27/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.268	—	—	5.00E-02	ug/L	—	—	10-3850	CAPA-10-24147	GELC
R-40	8711	849.3	06/03/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.293	—	—	5.00E-02	ug/L	—	—	10-3308	CAPA-10-17907	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.247	—	—	5.00E-02	ug/L	—	—	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.259	—	—	5.00E-02	ug/L	—	—	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	10/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.62	—	—	5.00E-02	mg/L	—	—	11-200	CAPA-10-27412	GELC
R-40	8711	849.3	07/27/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.54	—	—	5.00E-02	mg/L	—	—	10-3850	CAPA-10-24147	GELC
R-40	8711	849.3	06/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.45	—	—	5.00E-02	mg/L	—	—	10-3308	CAPA-10-17907	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.45	—	—	5.00E-02	mg/L	—	—	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.37	—	—	5.00E-02	mg/L	—	—	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	10/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.64	—	—	5.00E-02	mg/L	—	—	11-200	CAPA-10-27413	GELC
R-40	8711	849.3	07/27/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.52	—	—	5.00E-02	mg/L	—	—	10-3850	CAPA-10-24145	GELC
R-40	8711	849.3	06/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.43	—	—	5.00E-02	mg/L	—	—	10-3308	CAPA-10-17908	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.46	—	—	5.00E-02	mg/L	—	—	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.49	—	—	5.00E-02	mg/L	—	—	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	10/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	1.00E-01	mg/L	—	—	11-200	CAPA-10-27412	GELC
R-40	8711	849.3	07/27/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	1.00E-01	mg/L	—	—	10-3850	CAPA-10-24147	GELC
R-40	8711	849.3	06/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	1.00E-01	mg/L	—	—	10-3308	CAPA-10-17907	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.9	—	—	1.00E-01	mg/L	—	—	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.9	—	—	1.00E-01	mg/L	—	—	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	10/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	1.00E-01	mg/L	—	—	11-200	CAPA-10-27413	GELC
R-40	8711	849.3	07/27/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	1.00E-01	mg/L	—	—	10-3850	CAPA-10-24145	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-40	8711	849.3	06/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	1.00E-01	mg/L	—	—	10-3308	CAPA-10-17908	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	1.00E-01	mg/L	—	—	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12	—	—	1.00E-01	mg/L	—	—	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	10/19/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	125	—	—	1.00E+00	uS/cm	—	—	11-200	CAPA-10-27412	GELC
R-40	8711	849.3	07/27/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	127	—	—	1.00E+00	uS/cm	—	—	10-3850	CAPA-10-24147	GELC
R-40	8711	849.3	06/03/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	132	—	—	1.00E+00	uS/cm	—	—	10-3308	CAPA-10-17907	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	123	—	—	1.00E+00	uS/cm	—	—	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	120	—	—	1.00E+00	uS/cm	—	—	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	10/19/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.19	—	—	1.00E-01	mg/L	—	—	11-200	CAPA-10-27412	GELC
R-40	8711	849.3	07/27/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.65	—	—	1.00E-01	mg/L	—	—	10-3850	CAPA-10-24147	GELC
R-40	8711	849.3	06/03/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.47	—	—	1.00E-01	mg/L	—	—	10-3308	CAPA-10-17907	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.47	—	—	1.00E-01	mg/L	—	—	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.43	—	—	1.00E-01	mg/L	—	—	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	10/19/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	136	—	—	2.40E+00	mg/L	—	—	11-200	CAPA-10-27412	GELC
R-40	8711	849.3	07/27/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	144	—	—	2.40E+00	mg/L	—	—	10-3850	CAPA-10-24147	GELC
R-40	8711	849.3	06/03/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	158	—	—	2.40E+00	mg/L	—	J	10-3308	CAPA-10-17907	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	2.40E+00	mg/L	—	—	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	149	—	—	2.40E+00	mg/L	—	—	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	10/19/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.344	—	—	3.30E-01	mg/L	J	J	11-200	CAPA-10-27413	GELC
R-40	8711	849.3	07/27/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.498	—	—	3.30E-01	mg/L	J	J	10-3850	CAPA-10-24145	GELC
R-40	8711	849.3	06/03/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.365	—	—	3.30E-01	mg/L	J	J	10-3308	CAPA-10-17908	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.994	—	—	3.30E-01	mg/L	J	J	10-2039	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.523	—	—	3.30E-01	mg/L	J	J	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	10/19/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.9	—	—	1.00E-02	SU	H	J-	11-200	CAPA-10-27412	GELC
R-40	8711	849.3	07/27/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.02	—	—	1.00E-02	SU	H	J-	10-3850	CAPA-10-24147	GELC
R-40	8711	849.3	06/03/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.05	—	—	1.00E-02	SU	H	J-	10-3308	CAPA-10-17907	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.91	—	—	1.00E-02	SU	H	J-	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.78	—	—	1.00E-02	SU	H	J-	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	10/19/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	23.4	—	—	1.00E+00	ug/L	—	—	11-200	CAPA-10-27412	GELC
R-40	8711	849.3	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	24.8	—	—	1.00E+00	ug/L	—	—	10-3850	CAPA-10-24147	GELC
R-40	8711	849.3	06/03/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	21.7	—	—	1.00E+00	ug/L	—	—	10-3308	CAPA-10-17907	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	24	—	—	1.00E+00	ug/L	—	—	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	21.2	—	—	1.00E+00	ug/L	—	—	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	10/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	24	—	—	1.00E+00	ug/L	—	—	11-200	CAPA-10-27413	GELC
R-40	8711	849.3	07/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	25.4	—	—	1.00E+00	ug/L	—	—	10-3850	CAPA-10-24145	GELC
R-40	8711	849.3	06/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	23.1	—	—	1.00E+00	ug/L	—	—	10-3308	CAPA-10-17908	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	24.9	—	—	1.00E+00	ug/L	—	—	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	22.8	—	—	1.00E+00	ug/L	—	—	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	10/19/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.76	—	—	1.00E-01	ug/L	—	—	11-200	CAPA-10-27412	GELC
R-40	8711	849.3	07/27/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.25	—	—	1.00E-01	ug/L	—	—	10-3850	CAPA-10-24147	GELC
R-40	8711	849.3	06/03/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.48	—	—	1.00E-01	ug/L	—	—	10-3308	CAPA-10-17907	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.33	—	—	1.00E-01	ug/L	—	—	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.85	—	—	1.00E-01	ug/L	—	—	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	10/19/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.72	—	—	1.00E-01	ug/L	—	—	11-200	CAPA-10-27413	GELC
R-40	8711	849.3	07/27/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.19	—	—	1.00E-01	ug/L	—	—	10-3850	CAPA-10-24145	GELC
R-40	8711	849.3	06/03/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.43	—	—	1.00E-01	ug/L	—	—	10-3308	CAPA-10-17908	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.29	—	—	1.00E-01	ug/L	—	—	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.97	—	—	1.00E-01	ug/L	—	—	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	07/27/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.792	—	—	5.00E-01	ug/L	J	J	10-3850	CAPA-10-24147	GELC
R-40	8711	849.3	06/03/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.84	—	—	5.00E-01	ug/L	—	J	10-3308	CAPA-10-17907	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-40	8711	849.3	02/23/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.987	—	—	5.00E-01	ug/L	J	J	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.77	—	—	5.00E-01	ug/L	J	J	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	10/19/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.561	—	—	5.00E-01	ug/L	J	J	11-200	CAPA-10-27413	GELC
R-40	8711	849.3	07/27/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.695	—	—	5.00E-01	ug/L	J	J	10-3850	CAPA-10-24145	GELC
R-40	8711	849.3	06/03/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	1.37	—	—	5.00E-01	ug/L	J	U	10-3308	CAPA-10-17908	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.09	—	—	5.00E-01	ug/L	J	J	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.5	—	—	5.00E-01	ug/L	J	J	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	10/19/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.7	—	—	5.30E-02	mg/L	—	—	11-200	CAPA-10-27412	GELC
R-40	8711	849.3	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.9	—	—	5.30E-02	mg/L	—	—	10-3850	CAPA-10-24147	GELC
R-40	8711	849.3	06/03/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.5	—	—	5.30E-02	mg/L	—	—	10-3308	CAPA-10-17907	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	69.6	—	—	5.30E-02	mg/L	—	—	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	66.8	—	—	5.30E-02	mg/L	—	—	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	10/19/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	49.4	—	—	1.00E+00	ug/L	—	—	11-200	CAPA-10-27412	GELC
R-40	8711	849.3	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	54	—	—	1.00E+00	ug/L	—	—	10-3850	CAPA-10-24147	GELC
R-40	8711	849.3	06/03/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	50.8	—	—	1.00E+00	ug/L	—	—	10-3308	CAPA-10-17907	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	51.8	—	—	1.00E+00	ug/L	—	—	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	46.2	—	—	1.00E+00	ug/L	—	—	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	10/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	49.8	—	—	1.00E+00	ug/L	—	—	11-200	CAPA-10-27413	GELC
R-40	8711	849.3	07/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53.8	—	—	1.00E+00	ug/L	—	—	10-3850	CAPA-10-24145	GELC
R-40	8711	849.3	06/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	50.5	—	—	1.00E+00	ug/L	—	—	10-3308	CAPA-10-17908	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	52.2	—	—	1.00E+00	ug/L	—	—	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	50	—	—	1.00E+00	ug/L	—	—	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	10/19/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.298	—	—	5.00E-02	ug/L	—	—	11-200	CAPA-10-27412	GELC
R-40	8711	849.3	07/27/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.321	—	—	5.00E-02	ug/L	—	—	10-3850	CAPA-10-24147	GELC
R-40	8711	849.3	06/03/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.245	—	—	5.00E-02	ug/L	—	—	10-3308	CAPA-10-17907	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.29	—	—	5.00E-02	ug/L	—	—	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.363	—	—	5.00E-02	ug/L	—	—	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	10/19/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.31	—	—	5.00E-02	ug/L	—	—	11-200	CAPA-10-27413	GELC
R-40	8711	849.3	07/27/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.348	—	—	5.00E-02	ug/L	—	—	10-3850	CAPA-10-24145	GELC
R-40	8711	849.3	06/03/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.301	—	—	5.00E-02	ug/L	—	—	10-3308	CAPA-10-17908	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.301	—	—	5.00E-02	ug/L	—	—	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.471	—	—	5.00E-02	ug/L	—	—	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	10/19/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.31	—	—	1.00E+00	ug/L	—	—	11-200	CAPA-10-27412	GELC
R-40	8711	849.3	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.71	—	—	1.00E+00	ug/L	J	J	10-3850	CAPA-10-24147	GELC
R-40	8711	849.3	06/03/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.38	—	—	1.00E+00	ug/L	J	J	10-3308	CAPA-10-17907	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.12	—	—	1.00E+00	ug/L	J	J	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5.32	—	—	1.00E+00	ug/L	—	U	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	10/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.57	—	—	1.00E+00	ug/L	—	—	11-200	CAPA-10-27413	GELC
R-40	8711	849.3	07/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.7	—	—	1.00E+00	ug/L	J	J	10-3850	CAPA-10-24145	GELC
R-40	8711	849.3	06/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.55	—	—	1.00E+00	ug/L	J	J	10-3308	CAPA-10-17908	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.16	—	—	1.00E+00	ug/L	J	J	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	5.62	—	—	1.00E+00	ug/L	—	U	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	10/19/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.56	—	—	3.30E+00	ug/L	J	J	11-200	CAPA-10-27412	GELC
R-40	8711	849.3	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	12.4	—	—	3.30E+00	ug/L	—	—	10-3850	CAPA-10-24147	GELC
R-40	8711	849.3	06/03/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.31	—	—	3.30E+00	ug/L	J	J	10-3308	CAPA-10-17907	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.8	—	—	3.30E+00	ug/L	J	J	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.84	—	—	3.30E+00	ug/L	J	J	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	10/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	20.4	—	—	3.30E+00	ug/L	—	—	11-200	CAPA-10-27413	GELC
R-40	8711	849.3	07/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	27.3	—	—	3.30E+00	ug/L	—	—	10-3850	CAPA-10-24145	GELC
R-40	8711	849.3	06/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	40.5	—	—	3.30E+00	ug/L	—	—	10-3308	CAPA-10-17908	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	12	—	—	3.30E+00	ug/L	—	—	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	18.1	—	—	3.30E+00	ug/L	—	—	10-804	CAPA-10-6807	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	65.1	—	—	7.30E-01	mg/L	—	—	11-97	CAPA-10-27403	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	66.2	—	—	7.30E-01	mg/L	—	—	11-97	CAPA-10-27404	GELC
R-41	8791	965.3	08/09/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	64.5	—	—	7.30E-01	mg/L	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	965.3	06/09/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	69.3	—	—	7.30E-01	mg/L	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68.1	—	—	7.30E-01	mg/L	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68.9	—	—	7.30E-01	mg/L	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	14.7	—	—	5.00E-02	mg/L	—	—	11-97	CAPA-10-27403	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.5	—	—	5.00E-02	mg/L	—	—	11-97	CAPA-10-27404	GELC
R-41	8791	965.3	08/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.7	—	—	5.00E-02	mg/L	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	965.3	06/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.2	—	—	5.00E-02	mg/L	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15	—	—	5.00E-02	mg/L	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14	—	—	5.00E-02	mg/L	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	10/08/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	15.1	—	—	5.00E-02	mg/L	—	—	11-97	CAPA-10-27402	GELC
R-41	8791	965.3	10/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.1	—	—	5.00E-02	mg/L	—	—	11-97	CAPA-10-27405	GELC
R-41	8791	965.3	08/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.3	—	—	5.00E-02	mg/L	—	—	10-4075	CAPA-10-24131	GELC
R-41	8791	965.3	06/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.3	—	—	5.00E-02	mg/L	—	—	10-3369	CAPA-10-17910	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13	—	—	5.00E-02	mg/L	—	—	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.9	—	—	5.00E-02	mg/L	—	—	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	3.05	—	—	6.60E-02	mg/L	—	J+	11-97	CAPA-10-27403	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.05	—	—	6.60E-02	mg/L	—	J+	11-97	CAPA-10-27404	GELC
R-41	8791	965.3	08/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.07	—	—	6.60E-02	mg/L	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	965.3	06/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.99	—	—	6.60E-02	mg/L	—	J	10-3369	CAPA-10-17912	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.9	—	—	6.60E-02	mg/L	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.16	—	—	6.60E-02	mg/L	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.305	—	—	3.30E-02	mg/L	—	—	11-97	CAPA-10-27403	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.298	—	—	3.30E-02	mg/L	—	—	11-97	CAPA-10-27404	GELC
R-41	8791	965.3	08/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.338	—	—	3.30E-02	mg/L	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	965.3	06/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.304	—	—	3.30E-02	mg/L	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.351	—	—	3.30E-02	mg/L	—	J-	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.28	—	—	3.30E-02	mg/L	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	53.1	—	—	3.50E-01	mg/L	—	—	11-97	CAPA-10-27403	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	52.4	—	—	3.50E-01	mg/L	—	—	11-97	CAPA-10-27404	GELC
R-41	8791	965.3	08/09/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	53.1	—	—	3.50E-01	mg/L	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	965.3	06/09/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	51.5	—	—	3.50E-01	mg/L	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	54.3	—	—	3.50E-01	mg/L	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	50.7	—	—	3.50E-01	mg/L	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	10/08/10	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	54.5	—	—	3.50E-01	mg/L	—	—	11-97	CAPA-10-27402	GELC
R-41	8791	965.3	10/08/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	54.3	—	—	3.50E-01	mg/L	—	—	11-97	CAPA-10-27405	GELC
R-41	8791	965.3	08/09/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	52	—	—	3.50E-01	mg/L	—	—	10-4075	CAPA-10-24131	GELC
R-41	8791	965.3	06/09/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	51.9	—	—	3.50E-01	mg/L	—	—	10-3369	CAPA-10-17910	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	47.4	—	—	3.50E-01	mg/L	—	—	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	50	—	—	3.50E-01	mg/L	—	—	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	3.98	—	—	8.50E-02	mg/L	—	—	11-97	CAPA-10-27403	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.9	—	—	8.50E-02	mg/L	—	—	11-97	CAPA-10-27404	GELC
R-41	8791	965.3	08/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4	—	—	8.50E-02	mg/L	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	965.3	06/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.9	—	—	8.50E-02	mg/L	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.09	—	—	8.50E-02	mg/L	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.8	—	—	8.50E-02	mg/L	—	—	10-953	CAPA-10-6817	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-41	8791	965.3	10/08/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	4.09	—	—	8.50E-02	mg/L	—	—	11-97	CAPA-10-27402	GELC
R-41	8791	965.3	10/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.05	—	—	8.50E-02	mg/L	—	—	11-97	CAPA-10-27405	GELC
R-41	8791	965.3	08/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.96	—	—	8.50E-02	mg/L	—	—	10-4075	CAPA-10-24131	GELC
R-41	8791	965.3	06/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.93	—	—	8.50E-02	mg/L	—	—	10-3369	CAPA-10-17910	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.61	—	—	8.50E-02	mg/L	—	—	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.74	—	—	8.50E-02	mg/L	—	—	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.565	—	—	5.00E-02	mg/L	—	—	11-97	CAPA-10-27403	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.555	—	—	5.00E-02	mg/L	—	—	11-97	CAPA-10-27404	GELC
R-41	8791	965.3	08/09/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.66	—	—	5.00E-02	mg/L	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	965.3	06/09/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.645	—	—	5.00E-02	mg/L	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.755	—	—	5.00E-02	mg/L	—	J	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.665	—	—	5.00E-02	mg/L	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.379	—	—	5.00E-02	ug/L	—	—	11-97	CAPA-10-27403	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.421	—	—	5.00E-02	ug/L	—	—	11-97	CAPA-10-27404	GELC
R-41	8791	965.3	08/09/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.374	—	—	5.00E-02	ug/L	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	965.3	06/09/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.362	—	—	5.00E-02	ug/L	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.389	—	—	5.00E-02	ug/L	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.358	—	—	5.00E-02	ug/L	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	1.85	—	—	5.00E-02	mg/L	—	J	11-97	CAPA-10-27403	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.89	—	—	5.00E-02	mg/L	—	J	11-97	CAPA-10-27404	GELC
R-41	8791	965.3	08/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.91	—	—	5.00E-02	mg/L	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	965.3	06/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.9	—	—	5.00E-02	mg/L	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.93	—	—	5.00E-02	mg/L	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.75	—	—	5.00E-02	mg/L	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	10/08/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	1.97	—	—	5.00E-02	mg/L	—	J	11-97	CAPA-10-27402	GELC
R-41	8791	965.3	10/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.98	—	—	5.00E-02	mg/L	—	J	11-97	CAPA-10-27405	GELC
R-41	8791	965.3	08/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.87	—	—	5.00E-02	mg/L	—	—	10-4075	CAPA-10-24131	GELC
R-41	8791	965.3	06/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.97	—	—	5.00E-02	mg/L	—	—	10-3369	CAPA-10-17910	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.48	—	—	5.00E-02	mg/L	—	—	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.73	—	—	5.00E-02	mg/L	—	—	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	13.3	—	—	1.00E-01	mg/L	—	J+	11-97	CAPA-10-27403	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.1	—	—	1.00E-01	mg/L	—	J+	11-97	CAPA-10-27404	GELC
R-41	8791	965.3	08/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.5	—	—	1.00E-01	mg/L	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	965.3	06/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.5	—	—	1.00E-01	mg/L	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.5	—	—	1.00E-01	mg/L	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.1	—	—	1.00E-01	mg/L	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	10/08/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	13.9	—	—	1.00E-01	mg/L	—	J+	11-97	CAPA-10-27402	GELC
R-41	8791	965.3	10/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.6	—	—	1.00E-01	mg/L	—	J+	11-97	CAPA-10-27405	GELC
R-41	8791	965.3	08/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.3	—	—	1.00E-01	mg/L	—	—	10-4075	CAPA-10-24131	GELC
R-41	8791	965.3	06/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.7	—	—	1.00E-01	mg/L	—	—	10-3369	CAPA-10-17910	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.1	—	—	1.00E-01	mg/L	—	—	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.1	—	—	1.00E-01	mg/L	—	—	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	164	—	—	1.00E+00	uS/cm	—	—	11-97	CAPA-10-27403	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	165	—	—	1.00E+00	uS/cm	—	—	11-97	CAPA-10-27404	GELC
R-41	8791	965.3	08/09/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	165	—	—	1.00E+00	uS/cm	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	965.3	06/09/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	172	—	—	1.00E+00	uS/cm	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	163	—	—	1.00E+00	uS/cm	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	170	—	—	1.00E+00	uS/cm	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	4.56	—	—	1.00E-01	mg/L	—	—	11-97	CAPA-10-27403	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.64	—	—	1.00E-01	mg/L	—	—	11-97	CAPA-10-27404	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-41	8791	965.3	08/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.59	—	—	1.00E-01	mg/L	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	965.3	06/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.69	—	—	1.00E-01	mg/L	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.58	—	—	1.00E-01	mg/L	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.96	—	—	1.00E-01	mg/L	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	151	—	—	2.40E+00	mg/L	—	J	11-97	CAPA-10-27403	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	167	—	—	2.40E+00	mg/L	—	J	11-97	CAPA-10-27404	GELC
R-41	8791	965.3	08/09/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	144	—	—	2.40E+00	mg/L	—	J	10-4075	CAPA-10-24129	GELC
R-41	8791	965.3	06/09/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	151	—	—	2.40E+00	mg/L	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	141	—	—	2.40E+00	mg/L	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	153	—	—	2.40E+00	mg/L	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	8.04	—	—	1.00E-02	SU	H	J-	11-97	CAPA-10-27403	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.96	—	—	1.00E-02	SU	H	J-	11-97	CAPA-10-27404	GELC
R-41	8791	965.3	08/09/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.96	—	—	1.00E-02	SU	H	J-	10-4075	CAPA-10-24129	GELC
R-41	8791	965.3	06/09/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.14	—	—	1.00E-02	SU	H	J-	10-3369	CAPA-10-17912	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.06	—	—	1.00E-02	SU	H	J-	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.16	—	—	1.00E-02	SU	H	J-	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	537	—	—	6.80E+01	ug/L	—	—	11-97	CAPA-10-27404	GELC
R-41	8791	965.3	08/09/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-4075	CAPA-10-24129	GELC
R-41	8791	965.3	06/09/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-3369	CAPA-10-17912	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-4075	CAPA-10-24131	GELC
R-41	8791	965.3	06/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-3369	CAPA-10-17910	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	148	—	—	6.80E+01	ug/L	J	J	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	28.2	—	—	1.00E+00	ug/L	—	—	11-97	CAPA-10-27403	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	27.7	—	—	1.00E+00	ug/L	—	—	11-97	CAPA-10-27404	GELC
R-41	8791	965.3	08/09/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	28.7	—	—	1.00E+00	ug/L	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	965.3	06/09/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	29	—	—	1.00E+00	ug/L	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	32.3	—	—	1.00E+00	ug/L	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	30.7	—	—	1.00E+00	ug/L	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	10/08/10	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	28.8	—	—	1.00E+00	ug/L	—	—	11-97	CAPA-10-27402	GELC
R-41	8791	965.3	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28.9	—	—	1.00E+00	ug/L	—	—	11-97	CAPA-10-27405	GELC
R-41	8791	965.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28.3	—	—	1.00E+00	ug/L	—	—	10-4075	CAPA-10-24131	GELC
R-41	8791	965.3	06/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	29.3	—	—	1.00E+00	ug/L	—	—	10-3369	CAPA-10-17910	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	17.8	—	—	1.00E+00	ug/L	—	—	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	30.4	—	—	1.00E+00	ug/L	—	—	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	FD	Metals	SW-846:6020	Chromium	—	3.97	—	—	2.50E+00	ug/L	J	J	11-97	CAPA-10-27403	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.38	—	—	2.50E+00	ug/L	J	J	11-97	CAPA-10-27404	GELC
R-41	8791	965.3	08/09/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.47	—	—	2.50E+00	ug/L	J	J	10-4075	CAPA-10-24129	GELC
R-41	8791	965.3	06/09/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.7	—	—	2.50E+00	ug/L	J	J	10-3369	CAPA-10-17912	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	5.93	—	—	2.50E+00	ug/L	J	U	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	10/08/10	WG	UF	CS	FD	Metals	SW-846:6020	Chromium	—	3.58	—	—	2.50E+00	ug/L	J	J	11-97	CAPA-10-27402	GELC
R-41	8791	965.3	10/08/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.15	—	—	2.50E+00	ug/L	J	J	11-97	CAPA-10-27405	GELC
R-41	8791	965.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.49	—	—	2.50E+00	ug/L	J	J	10-4075	CAPA-10-24131	GELC
R-41	8791	965.3	06/09/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	6.66	—	—	2.50E+00	ug/L	J	J	10-3369	CAPA-10-17910	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	5.88	—	—	2.50E+00	ug/L	J	U	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	FD	Metals	SW-846:6010B	Manganese	—	2.83	—	—	2.00E+00	ug/L	J	J	11-97	CAPA-10-27403	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-41	8791	965.3	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.68	—	—	2.00E+00	ug/L	J	J	11-97	CAPA-10-27404	GELC
R-41	8791	965.3	08/09/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.64	—	—	2.00E+00	ug/L	J	J	10-4075	CAPA-10-24129	GELC
R-41	8791	965.3	06/09/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	6.63	—	—	2.00E+00	ug/L	J	J	10-3369	CAPA-10-17912	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	19.5	—	—	2.00E+00	ug/L	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	12.2	—	—	2.00E+00	ug/L	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	10/08/10	WG	UF	CS	FD	Metals	SW-846:6010B	Manganese	—	3.44	—	—	2.00E+00	ug/L	J	J	11-97	CAPA-10-27402	GELC
R-41	8791	965.3	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.43	—	—	2.00E+00	ug/L	J	J	11-97	CAPA-10-27405	GELC
R-41	8791	965.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.96	—	—	2.00E+00	ug/L	J	J	10-4075	CAPA-10-24131	GELC
R-41	8791	965.3	06/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	7.1	—	—	2.00E+00	ug/L	J	J	10-3369	CAPA-10-17910	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.8	—	—	2.00E+00	ug/L	J	J	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	10.4	—	—	2.00E+00	ug/L	—	—	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	FD	Metals	SW-846:6020	Molybdenum	—	3.71	—	—	1.00E-01	ug/L	—	—	11-97	CAPA-10-27403	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.29	—	—	1.00E-01	ug/L	—	—	11-97	CAPA-10-27404	GELC
R-41	8791	965.3	08/09/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	4.32	—	—	1.00E-01	ug/L	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	965.3	06/09/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	4.18	—	—	1.00E-01	ug/L	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	5.13	—	—	1.00E-01	ug/L	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	5.34	—	—	1.00E-01	ug/L	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	10/08/10	WG	UF	CS	FD	Metals	SW-846:6020	Molybdenum	—	3.33	—	—	1.00E-01	ug/L	—	—	11-97	CAPA-10-27402	GELC
R-41	8791	965.3	10/08/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	4.01	—	—	1.00E-01	ug/L	—	—	11-97	CAPA-10-27405	GELC
R-41	8791	965.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.92	—	—	1.00E-01	ug/L	—	—	10-4075	CAPA-10-24131	GELC
R-41	8791	965.3	06/09/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	4.07	—	—	1.00E-01	ug/L	—	—	10-3369	CAPA-10-17910	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.15	—	—	1.00E-01	ug/L	—	—	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	5.51	—	—	1.00E-01	ug/L	—	—	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	FD	Metals	SW-846:6020	Nickel	—	2.08	—	—	5.00E-01	ug/L	—	—	11-97	CAPA-10-27403	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.83	—	—	5.00E-01	ug/L	J	J	11-97	CAPA-10-27404	GELC
R-41	8791	965.3	08/09/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.94	—	—	5.00E-01	ug/L	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	965.3	06/09/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.97	—	—	5.00E-01	ug/L	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.26	—	—	5.00E-01	ug/L	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.28	—	—	5.00E-01	ug/L	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	10/08/10	WG	UF	CS	FD	Metals	SW-846:6020	Nickel	—	2.13	—	—	5.00E-01	ug/L	—	—	11-97	CAPA-10-27402	GELC
R-41	8791	965.3	10/08/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.49	—	—	5.00E-01	ug/L	—	—	11-97	CAPA-10-27405	GELC
R-41	8791	965.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.57	—	—	5.00E-01	ug/L	—	—	10-4075	CAPA-10-24131	GELC
R-41	8791	965.3	06/09/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.85	—	—	5.00E-01	ug/L	—	—	10-3369	CAPA-10-17910	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.691	—	—	5.00E-01	ug/L	J	J	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.59	—	—	5.00E-01	ug/L	—	—	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	61.4	—	—	5.30E-02	mg/L	—	—	11-97	CAPA-10-27403	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	60.5	—	—	5.30E-02	mg/L	—	—	11-97	CAPA-10-27404	GELC
R-41	8791	965.3	08/09/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	63.1	—	—	5.30E-02	mg/L	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	965.3	06/09/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	63.7	—	—	5.30E-02	mg/L	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64.8	—	—	5.30E-02	mg/L	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	59.4	—	—	5.30E-02	mg/L	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	75.9	—	—	1.00E+00	ug/L	—	—	11-97	CAPA-10-27403	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	75	—	—	1.00E+00	ug/L	—	—	11-97	CAPA-10-27404	GELC
R-41	8791	965.3	08/09/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	77.8	—	—	1.00E+00	ug/L	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	965.3	06/09/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	77.4	—	—	1.00E+00	ug/L	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	81.7	—	—	1.00E+00	ug/L	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	73.1	—	—	1.00E+00	ug/L	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	10/08/10	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	77.3	—	—	1.00E+00	ug/L	—	—	11-97	CAPA-10-27402	GELC
R-41	8791	965.3	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	78.2	—	—	1.00E+00	ug/L	—	—	11-97	CAPA-10-27405	GELC
R-41	8791	965.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	76.2	—	—	1.00E+00	ug/L	—	—	10-4075	CAPA-10-24131	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-41	8791	965.3	06/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	77.6	—	—	1.00E+00	ug/L	—	—	10-3369	CAPA-10-17910	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	59.1	—	—	1.00E+00	ug/L	—	—	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	72.9	—	—	1.00E+00	ug/L	—	—	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	FD	Metals	SW-846:6020	Uranium	—	0.648	—	—	5.00E-02	ug/L	—	—	11-97	CAPA-10-27403	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.684	—	—	5.00E-02	ug/L	—	—	11-97	CAPA-10-27404	GELC
R-41	8791	965.3	08/09/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.733	—	—	5.00E-02	ug/L	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	965.3	06/09/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.615	—	—	5.00E-02	ug/L	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.687	—	—	5.00E-02	ug/L	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.754	—	—	5.00E-02	ug/L	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	10/08/10	WG	UF	CS	FD	Metals	SW-846:6020	Uranium	—	0.645	—	—	5.00E-02	ug/L	—	—	11-97	CAPA-10-27402	GELC
R-41	8791	965.3	10/08/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.709	—	—	5.00E-02	ug/L	—	—	11-97	CAPA-10-27405	GELC
R-41	8791	965.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.715	—	—	5.00E-02	ug/L	—	—	10-4075	CAPA-10-24131	GELC
R-41	8791	965.3	06/09/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.621	—	—	5.00E-02	ug/L	—	—	10-3369	CAPA-10-17910	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.493	—	—	5.00E-02	ug/L	—	—	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.775	—	—	5.00E-02	ug/L	—	—	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	5.83	—	—	1.00E+00	ug/L	—	—	11-97	CAPA-10-27403	GELC
R-41	8791	965.3	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.87	—	—	1.00E+00	ug/L	—	—	11-97	CAPA-10-27404	GELC
R-41	8791	965.3	08/09/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.14	—	—	1.00E+00	ug/L	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	965.3	06/09/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.67	—	—	1.00E+00	ug/L	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.26	—	—	1.00E+00	ug/L	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.75	—	—	1.00E+00	ug/L	—	J	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	10/08/10	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	5.85	—	—	1.00E+00	ug/L	—	—	11-97	CAPA-10-27402	GELC
R-41	8791	965.3	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.11	—	—	1.00E+00	ug/L	—	—	11-97	CAPA-10-27405	GELC
R-41	8791	965.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6	—	—	1.00E+00	ug/L	—	—	10-4075	CAPA-10-24131	GELC
R-41	8791	965.3	06/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.48	—	—	1.00E+00	ug/L	—	—	10-3369	CAPA-10-17910	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.04	—	—	1.00E+00	ug/L	—	—	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.66	—	—	1.00E+00	ug/L	—	J	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	10/08/10	WG	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	—	3.07	—	—	2.20E+00	ug/L	J	J	11-96	CAPA-10-27405	GELC
R-41	8791	965.3	08/09/10	WG	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	<	10.8	—	—	2.20E+00	ug/L	U	U	10-4075	CAPA-10-24131	GELC
R-41	8791	965.3	06/09/10	WG	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	<	10.2	—	—	2.00E+00	ug/L	U	U	10-3368	CAPA-10-17910	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	<	10.8	—	—	2.20E+00	ug/L	U	U	10-2175	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	<	11.5	—	—	2.30E+00	ug/L	U	U	10-952	CAPA-10-6818	GELC
R-49	8831	845	10/07/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	66.2	—	—	7.30E-01	mg/L	—	—	11-93	CAPA-10-27420	GELC
R-49	8831	845	07/29/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68.5	—	—	7.30E-01	mg/L	—	—	10-3908	CAPA-10-24651	GELC
R-49	8831	845	06/14/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	86.9	—	—	7.30E-01	mg/L	—	—	10-3411	CAPA-10-17857	GELC
R-49	8831	845	03/03/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	70.5	—	—	7.30E-01	mg/L	—	—	10-2295	CAPA-10-12905	GELC
R-49	8831	845	12/07/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	72.9	—	—	7.30E-01	mg/L	—	—	10-851	CAPA-10-6812	GELC
R-49	8831	845	10/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.4	—	—	5.00E-02	mg/L	—	—	11-93	CAPA-10-27420	GELC
R-49	8831	845	07/29/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.8	—	—	5.00E-02	mg/L	—	—	10-3908	CAPA-10-24651	GELC
R-49	8831	845	06/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.2	—	—	5.00E-02	mg/L	—	—	10-3411	CAPA-10-17857	GELC
R-49	8831	845	03/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.2	—	—	5.00E-02	mg/L	—	—	10-2295	CAPA-10-12905	GELC
R-49	8831	845	12/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.2	—	—	5.00E-02	mg/L	—	—	10-851	CAPA-10-6812	GELC
R-49	8831	845	10/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.6	—	—	5.00E-02	mg/L	—	—	11-93	CAPA-10-27418	GELC
R-49	8831	845	07/29/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.5	—	—	5.00E-02	mg/L	—	—	10-3908	CAPA-10-24650	GELC
R-49	8831	845	06/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.4	—	—	5.00E-02	mg/L	—	—	10-3411	CAPA-10-17856	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.7	—	—	5.00E-02	mg/L	—	—	10-2295	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.9	—	—	5.00E-02	mg/L	—	—	10-851	CAPA-10-6813	GELC
R-49	8831	845	10/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.76	—	—	6.60E-02	mg/L	—	—	11-93	CAPA-10-27420	GELC
R-49	8831	845	07/29/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.74	—	—	6.60E-02	mg/L	—	—	10-3908	CAPA-10-24651	GELC
R-49	8831	845	06/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.61	—	—	6.60E-02	mg/L	—	—	10-3411	CAPA-10-17857	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-49	8831	845	03/03/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.37	—	—	6.60E-02	mg/L	—	—	10-2295	CAPA-10-12905	GELC
R-49	8831	845	12/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.81	—	—	6.60E-02	mg/L	H	J-	10-851	CAPA-10-6812	GELC
R-49	8831	845	10/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.292	—	—	3.30E-02	mg/L	—	—	11-93	CAPA-10-27420	GELC
R-49	8831	845	07/29/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.239	—	—	3.30E-02	mg/L	—	—	10-3908	CAPA-10-24651	GELC
R-49	8831	845	06/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.213	—	—	3.30E-02	mg/L	—	J-	10-3411	CAPA-10-17857	GELC
R-49	8831	845	03/03/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.312	—	—	3.30E-02	mg/L	—	—	10-2295	CAPA-10-12905	GELC
R-49	8831	845	12/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.251	—	—	3.30E-02	mg/L	H	J-	10-851	CAPA-10-6812	GELC
R-49	8831	845	10/07/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	42.2	—	—	3.50E-01	mg/L	—	—	11-93	CAPA-10-27420	GELC
R-49	8831	845	07/29/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44	—	—	3.50E-01	mg/L	—	—	10-3908	CAPA-10-24651	GELC
R-49	8831	845	06/14/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45.6	—	—	3.50E-01	mg/L	—	—	10-3411	CAPA-10-17857	GELC
R-49	8831	845	03/03/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45.3	—	—	3.50E-01	mg/L	—	—	10-2295	CAPA-10-12905	GELC
R-49	8831	845	12/07/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45.2	—	—	3.50E-01	mg/L	—	—	10-851	CAPA-10-6812	GELC
R-49	8831	845	10/07/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	43.5	—	—	3.50E-01	mg/L	—	—	11-93	CAPA-10-27418	GELC
R-49	8831	845	07/29/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	46.6	—	—	3.50E-01	mg/L	—	—	10-3908	CAPA-10-24650	GELC
R-49	8831	845	06/14/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	45.9	—	—	3.50E-01	mg/L	—	—	10-3411	CAPA-10-17856	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	51.2	—	—	3.50E-01	mg/L	—	—	10-2295	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	60.4	—	—	3.50E-01	mg/L	—	—	10-851	CAPA-10-6813	GELC
R-49	8831	845	10/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.46	—	—	8.50E-02	mg/L	—	J	11-93	CAPA-10-27420	GELC
R-49	8831	845	07/29/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.53	—	—	8.50E-02	mg/L	—	—	10-3908	CAPA-10-24651	GELC
R-49	8831	845	06/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.65	—	—	8.50E-02	mg/L	—	—	10-3411	CAPA-10-17857	GELC
R-49	8831	845	03/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.63	—	—	8.50E-02	mg/L	—	—	10-2295	CAPA-10-12905	GELC
R-49	8831	845	12/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.55	—	—	8.50E-02	mg/L	—	—	10-851	CAPA-10-6812	GELC
R-49	8831	845	10/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.55	—	—	8.50E-02	mg/L	—	J	11-93	CAPA-10-27418	GELC
R-49	8831	845	07/29/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.76	—	—	8.50E-02	mg/L	—	—	10-3908	CAPA-10-24650	GELC
R-49	8831	845	06/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.64	—	—	8.50E-02	mg/L	—	—	10-3411	CAPA-10-17856	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.09	—	—	8.50E-02	mg/L	—	—	10-2295	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.04	—	—	8.50E-02	mg/L	—	—	10-851	CAPA-10-6813	GELC
R-49	8831	845	10/07/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.457	—	—	5.00E-02	mg/L	—	—	11-93	CAPA-10-27420	GELC
R-49	8831	845	07/29/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.635	—	—	5.00E-02	mg/L	—	—	10-3908	CAPA-10-24651	GELC
R-49	8831	845	06/14/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.685	—	—	5.00E-02	mg/L	—	—	10-3411	CAPA-10-17857	GELC
R-49	8831	845	03/03/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.61	—	—	5.00E-02	mg/L	—	J+	10-2295	CAPA-10-12905	GELC
R-49	8831	845	12/07/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.499	—	—	5.00E-02	mg/L	—	—	10-851	CAPA-10-6812	GELC
R-49	8831	845	10/07/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.295	—	—	5.00E-02	ug/L	—	—	11-93	CAPA-10-27420	GELC
R-49	8831	845	07/29/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.316	—	—	5.00E-02	ug/L	—	—	10-3908	CAPA-10-24651	GELC
R-49	8831	845	06/14/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.353	—	—	5.00E-02	ug/L	—	—	10-3411	CAPA-10-17857	GELC
R-49	8831	845	03/03/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.246	—	—	5.00E-02	ug/L	—	—	10-2295	CAPA-10-12905	GELC
R-49	8831	845	12/07/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.277	—	—	5.00E-02	ug/L	—	—	10-851	CAPA-10-6812	GELC
R-49	8831	845	10/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.54	—	—	5.00E-02	mg/L	—	—	11-93	CAPA-10-27420	GELC
R-49	8831	845	07/29/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.6	—	—	5.00E-02	mg/L	—	—	10-3908	CAPA-10-24651	GELC
R-49	8831	845	06/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.47	—	—	5.00E-02	mg/L	—	—	10-3411	CAPA-10-17857	GELC
R-49	8831	845	03/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.67	—	—	5.00E-02	mg/L	—	—	10-2295	CAPA-10-12905	GELC
R-49	8831	845	12/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.6	—	—	5.00E-02	mg/L	—	—	10-851	CAPA-10-6812	GELC
R-49	8831	845	10/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.57	—	—	5.00E-02	mg/L	—	—	11-93	CAPA-10-27418	GELC
R-49	8831	845	07/29/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.65	—	—	5.00E-02	mg/L	—	—	10-3908	CAPA-10-24650	GELC
R-49	8831	845	06/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.54	—	—	5.00E-02	mg/L	—	—	10-3411	CAPA-10-17856	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2	—	—	5.00E-02	mg/L	—	—	10-2295	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.33	—	—	5.00E-02	mg/L	—	—	10-851	CAPA-10-6813	GELC
R-49	8831	845	10/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.3	—	—	1.00E-01	mg/L	—	—	11-93	CAPA-10-27420	GELC
R-49	8831	845	07/29/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.2	—	—	1.00E-01	mg/L	N	J+	10-3908	CAPA-10-24651	GELC
R-49	8831	845	06/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.5	—	—	1.00E-01	mg/L	—	—	10-3411	CAPA-10-17857	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-49	8831	845	03/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.1	—	—	1.00E-01	mg/L	—	—	10-2295	CAPA-10-12905	GELC
R-49	8831	845	12/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.4	—	—	1.00E-01	mg/L	—	—	10-851	CAPA-10-6812	GELC
R-49	8831	845	10/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.6	—	—	1.00E-01	mg/L	—	—	11-93	CAPA-10-27418	GELC
R-49	8831	845	07/29/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.1	—	—	1.00E-01	mg/L	N	J+	10-3908	CAPA-10-24650	GELC
R-49	8831	845	06/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.2	—	—	1.00E-01	mg/L	—	—	10-3411	CAPA-10-17856	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.6	—	—	1.00E-01	mg/L	—	—	10-2295	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	21.1	—	—	1.00E-01	mg/L	—	—	10-851	CAPA-10-6813	GELC
R-49	8831	845	10/07/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	160	—	—	1.00E+00	uS/cm	—	—	11-93	CAPA-10-27420	GELC
R-49	8831	845	07/29/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	155	—	—	1.00E+00	uS/cm	—	—	10-3908	CAPA-10-24651	GELC
R-49	8831	845	06/14/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	159	—	—	1.00E+00	uS/cm	—	—	10-3411	CAPA-10-17857	GELC
R-49	8831	845	10/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.59	—	—	1.00E-01	mg/L	—	—	11-93	CAPA-10-27420	GELC
R-49	8831	845	07/29/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.5	—	—	1.00E-01	mg/L	—	—	10-3908	CAPA-10-24651	GELC
R-49	8831	845	06/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.59	—	—	1.00E-01	mg/L	—	—	10-3411	CAPA-10-17857	GELC
R-49	8831	845	03/03/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.66	—	—	1.00E-01	mg/L	—	—	10-2295	CAPA-10-12905	GELC
R-49	8831	845	12/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6	—	—	1.00E-01	mg/L	H	J-	10-851	CAPA-10-6812	GELC
R-49	8831	845	10/07/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	146	—	—	2.40E+00	mg/L	—	—	11-93	CAPA-10-27420	GELC
R-49	8831	845	07/29/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	155	—	—	2.40E+00	mg/L	—	—	10-3908	CAPA-10-24651	GELC
R-49	8831	845	06/14/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	152	—	—	2.40E+00	mg/L	—	J	10-3411	CAPA-10-17857	GELC
R-49	8831	845	03/03/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	154	—	—	2.40E+00	mg/L	—	—	10-2295	CAPA-10-12905	GELC
R-49	8831	845	12/07/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	139	—	—	2.40E+00	mg/L	—	—	10-851	CAPA-10-6812	GELC
R-49	8831	845	10/07/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.31	—	—	3.30E-01	mg/L	—	—	11-93	CAPA-10-27418	GELC
R-49	8831	845	07/29/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.88	—	—	3.30E-01	mg/L	J	J	10-3908	CAPA-10-24650	GELC
R-49	8831	845	06/14/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.615	—	—	3.30E-01	mg/L	J	J	10-3410	CAPA-10-17856	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.44	—	—	3.30E-01	mg/L	—	—	10-2294	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.3	—	—	3.30E-01	mg/L	—	—	10-850	CAPA-10-6813	GELC
R-49	8831	845	10/07/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.051	—	—	1.50E-02	mg/L	—	—	11-93	CAPA-10-27420	GELC
R-49	8831	845	07/29/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.05	—	—	1.50E-02	mg/L	U	U	10-3908	CAPA-10-24651	GELC
R-49	8831	845	06/14/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.03	—	—	1.50E-02	mg/L	J	U	10-3411	CAPA-10-17857	GELC
R-49	8831	845	03/03/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.075	—	—	1.50E-02	mg/L	—	U	10-2295	CAPA-10-12905	GELC
R-49	8831	845	12/07/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.127	—	—	1.50E-02	mg/L	—	U	10-851	CAPA-10-6812	GELC
R-49	8831	845	10/07/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.12	—	—	1.00E-02	SU	H	J-	11-93	CAPA-10-27420	GELC
R-49	8831	845	07/29/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.04	—	—	1.00E-02	SU	H	J-	10-3908	CAPA-10-24651	GELC
R-49	8831	845	06/14/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.07	—	—	1.00E-02	SU	H	J-	10-3411	CAPA-10-17857	GELC
R-49	8831	845	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-3908	CAPA-10-24651	GELC
R-49	8831	845	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-3411	CAPA-10-17857	GELC
R-49	8831	845	03/03/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	UN*	J+	10-2295	CAPA-10-12905	GELC
R-49	8831	845	12/07/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-851	CAPA-10-6812	GELC
R-49	8831	845	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	141	—	—	6.80E+01	ug/L	J	J	11-93	CAPA-10-27418	GELC
R-49	8831	845	07/29/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	467	—	—	6.80E+01	ug/L	—	—	10-3908	CAPA-10-24650	GELC
R-49	8831	845	06/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	198	—	—	6.80E+01	ug/L	J	J	10-3411	CAPA-10-17856	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	580	—	—	6.80E+01	ug/L	N*	J+	10-2295	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	3020	—	—	6.80E+01	ug/L	—	—	10-851	CAPA-10-6813	GELC
R-49	8831	845	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	19.8	—	—	1.00E+00	ug/L	—	—	11-93	CAPA-10-27420	GELC
R-49	8831	845	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	22	—	—	1.00E+00	ug/L	—	—	10-3908	CAPA-10-24651	GELC
R-49	8831	845	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	26.7	—	—	1.00E+00	ug/L	—	—	10-3411	CAPA-10-17857	GELC
R-49	8831	845	03/03/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	30.3	—	—	1.00E+00	ug/L	—	—	10-2295	CAPA-10-12905	GELC
R-49	8831	845	12/07/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	37.8	—	—	1.00E+00	ug/L	—	—	10-851	CAPA-10-6812	GELC
R-49	8831	845	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	21.7	—	—	1.00E+00	ug/L	—	—	11-93	CAPA-10-27418	GELC
R-49	8831	845	07/29/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	29.6	—	—	1.00E+00	ug/L	—	—	10-3908	CAPA-10-24650	GELC
R-49	8831	845	06/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	30.9	—	—	1.00E+00	ug/L	—	—	10-3411	CAPA-10-17856	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-49	8831	845	03/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	52.7	—	—	1.00E+00	ug/L	—	—	10-2295	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	121	—	—	1.00E+00	ug/L	—	—	10-851	CAPA-10-6813	GELC
R-49	8831	845	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.5	—	—	1.50E+01	ug/L	J	J	11-93	CAPA-10-27420	GELC
R-49	8831	845	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-3908	CAPA-10-24651	GELC
R-49	8831	845	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	18.9	—	—	1.50E+01	ug/L	J	J	10-3411	CAPA-10-17857	GELC
R-49	8831	845	03/03/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	16.6	—	—	1.50E+01	ug/L	J	J	10-2295	CAPA-10-12905	GELC
R-49	8831	845	12/07/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-851	CAPA-10-6812	GELC
R-49	8831	845	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.5	—	—	1.50E+01	ug/L	J	J	11-93	CAPA-10-27418	GELC
R-49	8831	845	07/29/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-3908	CAPA-10-24650	GELC
R-49	8831	845	06/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	19.6	—	—	1.50E+01	ug/L	J	J	10-3411	CAPA-10-17856	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	17.7	—	—	1.50E+01	ug/L	J	J	10-2295	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-851	CAPA-10-6813	GELC
R-49	8831	845	10/07/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.83	—	—	2.50E+00	ug/L	J	J	11-93	CAPA-10-27420	GELC
R-49	8831	845	07/29/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.69	—	—	2.50E+00	ug/L	J	J	10-3908	CAPA-10-24651	GELC
R-49	8831	845	06/14/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.17	—	—	2.50E+00	ug/L	J	J	10-3411	CAPA-10-17857	GELC
R-49	8831	845	03/03/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	6.11	—	—	2.50E+00	ug/L	J	U	10-2295	CAPA-10-12905	GELC
R-49	8831	845	12/07/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.05	—	—	2.50E+00	ug/L	J	J	10-851	CAPA-10-6812	GELC
R-49	8831	845	10/07/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.38	—	—	2.50E+00	ug/L	J	J	11-93	CAPA-10-27418	GELC
R-49	8831	845	07/29/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.07	—	—	2.50E+00	ug/L	J	J	10-3908	CAPA-10-24650	GELC
R-49	8831	845	06/14/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	7.44	—	—	2.50E+00	ug/L	J	J	10-3411	CAPA-10-17856	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	8.85	—	—	2.50E+00	ug/L	J	U	10-2295	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	7.82	—	—	2.50E+00	ug/L	J	J	10-851	CAPA-10-6813	GELC
R-49	8831	845	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-3908	CAPA-10-24651	GELC
R-49	8831	845	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-3411	CAPA-10-17857	GELC
R-49	8831	845	03/03/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U*	UJ	10-2295	CAPA-10-12905	GELC
R-49	8831	845	12/07/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-851	CAPA-10-6812	GELC
R-49	8831	845	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	52.3	—	—	3.00E+01	ug/L	J	J	11-93	CAPA-10-27418	GELC
R-49	8831	845	07/29/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	238	—	—	3.00E+01	ug/L	—	—	10-3908	CAPA-10-24650	GELC
R-49	8831	845	06/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	193	—	—	3.00E+01	ug/L	—	—	10-3411	CAPA-10-17856	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	506	—	—	3.00E+01	ug/L	*	J	10-2295	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1510	—	—	3.00E+01	ug/L	—	—	10-851	CAPA-10-6813	GELC
R-49	8831	845	07/29/10	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	10-3908	CAPA-10-24651	GELC
R-49	8831	845	06/14/10	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	10-3411	CAPA-10-17857	GELC
R-49	8831	845	03/03/10	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	10-2295	CAPA-10-12905	GELC
R-49	8831	845	12/07/09	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	10-851	CAPA-10-6812	GELC
R-49	8831	845	10/07/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.535	—	—	5.00E-01	ug/L	J	J	11-93	CAPA-10-27418	GELC
R-49	8831	845	07/29/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1.66	—	—	5.00E-01	ug/L	J	J	10-3908	CAPA-10-24650	GELC
R-49	8831	845	06/14/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1.45	—	—	5.00E-01	ug/L	J	J	10-3411	CAPA-10-17856	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	4.55	—	—	5.00E-01	ug/L	—	—	10-2295	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	8.85	—	—	5.00E-01	ug/L	—	—	10-851	CAPA-10-6813	GELC
R-49	8831	845	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.92	—	—	2.00E+00	ug/L	J	J	11-93	CAPA-10-27420	GELC
R-49	8831	845	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	11.1	—	—	2.00E+00	ug/L	—	—	10-3908	CAPA-10-24651	GELC
R-49	8831	845	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.45	—	—	2.00E+00	ug/L	J	J	10-3411	CAPA-10-17857	GELC
R-49	8831	845	03/03/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	13.5	—	—	2.00E+00	ug/L	—	—	10-2295	CAPA-10-12905	GELC
R-49	8831	845	12/07/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	14.6	—	—	2.00E+00	ug/L	—	—	10-851	CAPA-10-6812	GELC
R-49	8831	845	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	7.15	—	—	2.00E+00	ug/L	J	J	11-93	CAPA-10-27418	GELC
R-49	8831	845	07/29/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	14.3	—	—	2.00E+00	ug/L	—	—	10-3908	CAPA-10-24650	GELC
R-49	8831	845	06/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	7.93	—	—	2.00E+00	ug/L	J	J	10-3411	CAPA-10-17856	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	30.5	—	—	2.00E+00	ug/L	—	—	10-2295	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	51.4	—	—	2.00E+00	ug/L	—	—	10-851	CAPA-10-6813	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-49	8831	845	10/07/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.44	—	—	1.00E-01	ug/L	—	—	11-93	CAPA-10-27420	GELC
R-49	8831	845	07/29/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.08	—	—	1.00E-01	ug/L	—	—	10-3908	CAPA-10-24651	GELC
R-49	8831	845	06/14/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.38	—	—	1.00E-01	ug/L	—	—	10-3411	CAPA-10-17857	GELC
R-49	8831	845	03/03/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	4.69	—	—	1.00E-01	ug/L	—	—	10-2295	CAPA-10-12905	GELC
R-49	8831	845	12/07/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	5.93	—	—	1.00E-01	ug/L	—	—	10-851	CAPA-10-6812	GELC
R-49	8831	845	10/07/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.66	—	—	1.00E-01	ug/L	—	—	11-93	CAPA-10-27418	GELC
R-49	8831	845	07/29/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.01	—	—	1.00E-01	ug/L	—	—	10-3908	CAPA-10-24650	GELC
R-49	8831	845	06/14/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.33	—	—	1.00E-01	ug/L	—	—	10-3411	CAPA-10-17856	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	4.57	—	—	1.00E-01	ug/L	—	—	10-2295	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	5.64	—	—	1.00E-01	ug/L	—	—	10-851	CAPA-10-6813	GELC
R-49	8831	845	10/07/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.68	—	—	5.00E-01	ug/L	J	J	11-93	CAPA-10-27420	GELC
R-49	8831	845	07/29/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.04	—	—	5.00E-01	ug/L	J	J	10-3908	CAPA-10-24651	GELC
R-49	8831	845	06/14/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.25	—	—	5.00E-01	ug/L	J	J	10-3411	CAPA-10-17857	GELC
R-49	8831	845	03/03/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.18	—	—	5.00E-01	ug/L	—	—	10-2295	CAPA-10-12905	GELC
R-49	8831	845	12/07/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.31	—	—	5.00E-01	ug/L	—	—	10-851	CAPA-10-6812	GELC
R-49	8831	845	10/07/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.33	—	—	5.00E-01	ug/L	J	J	11-93	CAPA-10-27418	GELC
R-49	8831	845	07/29/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.04	—	—	5.00E-01	ug/L	J	J	10-3908	CAPA-10-24650	GELC
R-49	8831	845	06/14/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.63	—	—	5.00E-01	ug/L	J	J	10-3411	CAPA-10-17856	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.35	—	—	5.00E-01	ug/L	—	—	10-2295	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	6.24	—	—	5.00E-01	ug/L	—	—	10-851	CAPA-10-6813	GELC
R-49	8831	845	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64.9	—	—	5.30E-02	mg/L	—	—	11-93	CAPA-10-27420	GELC
R-49	8831	845	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	69.9	—	—	5.30E-02	mg/L	—	—	10-3908	CAPA-10-24651	GELC
R-49	8831	845	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	73.1	—	—	5.30E-02	mg/L	—	—	10-3411	CAPA-10-17857	GELC
R-49	8831	845	03/03/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.7	—	—	5.30E-02	mg/L	—	—	10-2295	CAPA-10-12905	GELC
R-49	8831	845	12/07/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.9	—	—	5.30E-02	mg/L	—	—	10-851	CAPA-10-6812	GELC
R-49	8831	845	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	57.8	—	—	1.00E+00	ug/L	—	—	11-93	CAPA-10-27420	GELC
R-49	8831	845	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	69.6	—	—	1.00E+00	ug/L	—	—	10-3908	CAPA-10-24651	GELC
R-49	8831	845	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	79.5	—	—	1.00E+00	ug/L	—	—	10-3411	CAPA-10-17857	GELC
R-49	8831	845	03/03/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	71.3	—	—	1.00E+00	ug/L	—	—	10-2295	CAPA-10-12905	GELC
R-49	8831	845	12/07/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	80.5	—	—	1.00E+00	ug/L	—	—	10-851	CAPA-10-6812	GELC
R-49	8831	845	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	59.6	—	—	1.00E+00	ug/L	—	—	11-93	CAPA-10-27418	GELC
R-49	8831	845	07/29/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	75	—	—	1.00E+00	ug/L	—	—	10-3908	CAPA-10-24650	GELC
R-49	8831	845	06/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	81.2	—	—	1.00E+00	ug/L	—	—	10-3411	CAPA-10-17856	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	83.2	—	—	1.00E+00	ug/L	—	—	10-2295	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	118	—	—	1.00E+00	ug/L	—	—	10-851	CAPA-10-6813	GELC
R-49	8831	845	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	—	3.74	—	—	2.50E+00	ug/L	J	J	11-93	CAPA-10-27420	GELC
R-49	8831	845	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	10-3908	CAPA-10-24651	GELC
R-49	8831	845	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-3411	CAPA-10-17857	GELC
R-49	8831	845	03/03/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-2295	CAPA-10-12905	GELC
R-49	8831	845	12/07/09	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	10-851	CAPA-10-6812	GELC
R-49	8831	845	07/29/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	10-3908	CAPA-10-24650	GELC
R-49	8831	845	06/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-3411	CAPA-10-17856	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-2295	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	10-851	CAPA-10-6813	GELC
R-49	8831	845	10/07/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.26	—	—	5.00E-02	ug/L	—	—	11-93	CAPA-10-27420	GELC
R-49	8831	845	07/29/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.89	—	—	5.00E-02	ug/L	—	—	10-3908	CAPA-10-24651	GELC
R-49	8831	845	06/14/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.19	—	—	5.00E-02	ug/L	—	—	10-3411	CAPA-10-17857	GELC
R-49	8831	845	03/03/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.33	—	—	5.00E-02	ug/L	—	—	10-2295	CAPA-10-12905	GELC
R-49	8831	845	12/07/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.47	—	—	5.00E-02	ug/L	—	—	10-851	CAPA-10-6812	GELC
R-49	8831	845	10/07/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.48	—	—	5.00E-02	ug/L	—	—	11-93	CAPA-10-27418	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-49	8831	845	07/29/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.03	—	—	5.00E-02	ug/L	—	—	10-3908	CAPA-10-24650	GELC
R-49	8831	845	06/14/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.57	—	—	5.00E-02	ug/L	—	—	10-3411	CAPA-10-17856	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.52	—	—	5.00E-02	ug/L	—	—	10-2295	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	4.59	—	—	5.00E-02	ug/L	—	—	10-851	CAPA-10-6813	GELC
R-49	8831	845	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.87	—	—	1.00E+00	ug/L	J	J	11-93	CAPA-10-27420	GELC
R-49	8831	845	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.66	—	—	1.00E+00	ug/L	J	J	10-3908	CAPA-10-24651	GELC
R-49	8831	845	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.84	—	—	1.00E+00	ug/L	J	J	10-3411	CAPA-10-17857	GELC
R-49	8831	845	03/03/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.09	—	—	1.00E+00	ug/L	J	J	10-2295	CAPA-10-12905	GELC
R-49	8831	845	12/07/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.03	—	—	1.00E+00	ug/L	J	J	10-851	CAPA-10-6812	GELC
R-49	8831	845	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.21	—	—	1.00E+00	ug/L	J	J	11-93	CAPA-10-27418	GELC
R-49	8831	845	07/29/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.97	—	—	1.00E+00	ug/L	J	J	10-3908	CAPA-10-24650	GELC
R-49	8831	845	06/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.81	—	—	1.00E+00	ug/L	J	J	10-3411	CAPA-10-17856	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.52	—	—	1.00E+00	ug/L	J	J	10-2295	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.06	—	—	1.00E+00	ug/L	—	—	10-851	CAPA-10-6813	GELC
R-49	8831	845	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-3908	CAPA-10-24651	GELC
R-49	8831	845	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-3411	CAPA-10-17857	GELC
R-49	8831	845	03/03/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-2295	CAPA-10-12905	GELC
R-49	8831	845	12/07/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-851	CAPA-10-6812	GELC
R-49	8831	845	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.92	—	—	3.30E+00	ug/L	J	J	11-93	CAPA-10-27418	GELC
R-49	8831	845	07/29/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.14	—	—	3.30E+00	ug/L	J	J	10-3908	CAPA-10-24650	GELC
R-49	8831	845	06/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-3411	CAPA-10-17856	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	11.5	—	—	3.30E+00	ug/L	—	—	10-2295	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	12.9	—	—	3.30E+00	ug/L	—	—	10-851	CAPA-10-6813	GELC
R-49	8831	845	10/07/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000371	9.00E-04	3.60E-02	—	pCi/L	U	U	11-92	CAPA-10-27418	GELC
R-49	8831	845	07/29/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00747	1.63E-03	2.90E-02	—	pCi/L	U	U	10-3907	CAPA-10-24650	GELC
R-49	8831	845	06/14/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00803	2.73E-03	2.20E-02	—	pCi/L	U	U	10-3411	CAPA-10-17856	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0101	2.43E-03	3.50E-02	—	pCi/L	U	U	10-2296	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00143	1.17E-03	3.90E-02	—	pCi/L	U	U	10-851	CAPA-10-6813	GELC
R-49	8831	845	10/07/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.703	5.33E-01	5.20E+00	—	pCi/L	U	U	11-92	CAPA-10-27418	GELC
R-49	8831	845	07/29/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.7	5.33E-01	4.60E+00	—	pCi/L	U	U	10-3907	CAPA-10-24650	GELC
R-49	8831	845	06/14/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.376	4.33E-01	4.30E+00	—	pCi/L	U	U	10-3411	CAPA-10-17856	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.345	2.77E-01	2.70E+00	—	pCi/L	U	U	10-2296	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.31	4.33E-01	3.70E+00	—	pCi/L	U	U	10-851	CAPA-10-6813	GELC
R-49	8831	845	10/07/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.635	5.33E-01	5.50E+00	—	pCi/L	U	U	11-92	CAPA-10-27418	GELC
R-49	8831	845	07/29/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.65	6.00E-01	5.70E+00	—	pCi/L	U	U	10-3907	CAPA-10-24650	GELC
R-49	8831	845	06/14/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.891	4.33E-01	4.50E+00	—	pCi/L	U	U	10-3411	CAPA-10-17856	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.13	2.97E-01	2.70E+00	—	pCi/L	U	U	10-2296	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.433	4.00E-01	4.20E+00	—	pCi/L	U	U	10-851	CAPA-10-6813	GELC
R-49	8831	845	10/07/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	4.67	4.33E-01	2.40E+00	—	pCi/L	—	—	11-92	CAPA-10-27418	GELC
R-49	8831	845	07/29/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	4.73	4.33E-01	2.20E+00	—	pCi/L	—	—	10-3907	CAPA-10-24650	GELC
R-49	8831	845	06/14/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	3.37	3.67E-01	2.40E+00	—	pCi/L	—	—	10-3411	CAPA-10-17856	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	4.06	4.00E-01	2.00E+00	—	pCi/L	—	—	10-2296	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	14	8.00E-01	3.00E+00	—	pCi/L	—	—	10-851	CAPA-10-6813	GELC
R-49	8831	845	10/07/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.02	3.67E-01	2.60E+00	—	pCi/L	—	—	11-92	CAPA-10-27418	GELC
R-49	8831	845	07/29/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	-0.903	2.57E-01	2.90E+00	—	pCi/L	U	U	10-3907	CAPA-10-24650	GELC
R-49	8831	845	06/14/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.21	2.90E-01	2.50E+00	—	pCi/L	—	—	10-3411	CAPA-10-17856	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.89	3.00E-01	2.40E+00	—	pCi/L	—	—	10-2296	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	8.13	4.33E-01	2.00E+00	—	pCi/L	—	—	10-851	CAPA-10-6813	GELC
R-49	8831	845	10/07/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	18.5	3.67E+00	2.50E+01	—	pCi/L	U	U	11-92	CAPA-10-27418	GELC
R-49	8831	845	07/29/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	2.62	4.33E-01	3.60E+00	—	pCi/L	U	U	10-3907	CAPA-10-24650	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-49	8831	845	06/14/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	14.5	2.00E+00	7.60E+00	—	pCi/L	—	U	10-3411	CAPA-10-17856	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	7.55	1.00E+00	1.40E+01	—	pCi/L	U	U	10-2296	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	33.5	1.17E+01	6.40E+01	—	pCi/L	U	U	10-851	CAPA-10-6813	GELC
R-49	8831	845	10/07/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.27	8.33E-01	9.00E+00	—	pCi/L	U	U	11-92	CAPA-10-27418	GELC
R-49	8831	845	07/29/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.00819	1.03E+00	9.30E+00	—	pCi/L	U	U	10-3907	CAPA-10-24650	GELC
R-49	8831	845	06/14/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.69	8.33E-01	8.90E+00	—	pCi/L	U	U	10-3411	CAPA-10-17856	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-21.4	3.23E+00	2.60E+01	—	pCi/L	U	U	10-2296	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	10.2	3.03E+00	2.90E+01	—	pCi/L	U	U	10-851	CAPA-10-6813	GELC
R-49	8831	845	10/07/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00403	9.67E-04	2.30E-02	—	pCi/L	U	U	11-92	CAPA-10-27418	GELC
R-49	8831	845	07/29/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00847	1.73E-03	1.90E-02	—	pCi/L	U	U	10-3907	CAPA-10-24650	GELC
R-49	8831	845	06/14/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00428	1.00E-03	3.20E-02	—	pCi/L	U	U	10-3411	CAPA-10-17856	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0183	2.50E-03	5.10E-02	—	pCi/L	U	U	10-2296	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0103	2.47E-03	3.00E-02	—	pCi/L	U	U	10-851	CAPA-10-6813	GELC
R-49	8831	845	10/07/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00202	1.17E-03	3.90E-02	—	pCi/L	U	U	11-92	CAPA-10-27418	GELC
R-49	8831	845	07/29/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	5.05E-10	1.73E-03	3.10E-02	—	pCi/L	U	U	10-3907	CAPA-10-24650	GELC
R-49	8831	845	06/14/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00642	1.23E-03	3.00E-02	—	pCi/L	U	U	10-3411	CAPA-10-17856	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00414	2.23E-03	3.60E-02	—	pCi/L	U	U	10-2296	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	1.23E-10	9.67E-04	3.20E-02	—	pCi/L	U	U	10-851	CAPA-10-6813	GELC
R-49	8831	845	10/07/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	20.3	5.67E+00	6.20E+01	—	pCi/L	U	U	11-92	CAPA-10-27418	GELC
R-49	8831	845	07/29/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-24.7	7.00E+00	6.80E+01	—	pCi/L	U	U	10-3907	CAPA-10-24650	GELC
R-49	8831	845	06/14/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-3.28	5.67E+00	5.60E+01	—	pCi/L	U	U	10-3411	CAPA-10-17856	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-12.2	4.33E+00	3.80E+01	—	pCi/L	U	U	10-2296	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	8.76	6.33E+00	6.50E+01	—	pCi/L	U	U	10-851	CAPA-10-6813	GELC
R-49	8831	845	10/07/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.688	5.33E-01	5.40E+00	—	pCi/L	U	U	11-92	CAPA-10-27418	GELC
R-49	8831	845	07/29/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.608	4.33E-01	4.50E+00	—	pCi/L	U	U	10-3907	CAPA-10-24650	GELC
R-49	8831	845	06/14/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.31	4.00E-01	4.30E+00	—	pCi/L	U	U	10-3411	CAPA-10-17856	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.153	3.33E-01	3.20E+00	—	pCi/L	U	U	10-2296	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.6	3.67E-01	4.30E+00	—	pCi/L	U	U	10-851	CAPA-10-6813	GELC
R-49	8831	845	10/07/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.14	4.67E-02	4.90E-01	—	pCi/L	U	U	11-92	CAPA-10-27418	GELC
R-49	8831	845	07/29/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.367	5.00E-02	4.80E-01	—	pCi/L	U	U	10-3907	CAPA-10-24650	GELC
R-49	8831	845	06/14/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.00909	4.33E-02	4.90E-01	—	pCi/L	U	U	10-3411	CAPA-10-17856	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.191	4.00E-02	4.70E-01	—	pCi/L	U	U	10-2296	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0549	4.00E-02	4.20E-01	—	pCi/L	U	U	10-851	CAPA-10-6813	GELC
R-49	8831	845	10/07/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.15	3.07E-02	3.20E-02	—	pCi/L	—	—	11-92	CAPA-10-27418	GELC
R-49	8831	845	07/29/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.15	4.33E-02	2.00E-01	—	pCi/L	—	J+	10-3907	CAPA-10-24650	GELC
R-49	8831	845	06/14/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.871	2.63E-02	6.10E-02	—	pCi/L	—	—	10-3411	CAPA-10-17856	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.78	5.33E-02	7.10E-02	—	pCi/L	—	—	10-2296	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	2.17	5.33E-02	6.20E-02	—	pCi/L	—	—	10-851	CAPA-10-6813	GELC
R-49	8831	845	10/07/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0546	4.33E-03	2.50E-02	—	pCi/L	—	—	11-92	CAPA-10-27418	GELC
R-49	8831	845	07/29/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0672	9.00E-03	9.30E-02	—	pCi/L	U	U	10-3907	CAPA-10-24650	GELC
R-49	8831	845	06/14/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0172	2.60E-03	4.10E-02	—	pCi/L	U	U	10-3411	CAPA-10-17856	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0547	5.67E-03	5.50E-02	—	pCi/L	U	U	10-2296	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.129	6.33E-03	3.30E-02	—	pCi/L	—	—	10-851	CAPA-10-6813	GELC
R-49	8831	845	10/07/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.459	1.47E-02	2.00E-02	—	pCi/L	—	—	11-92	CAPA-10-27418	GELC
R-49	8831	845	07/29/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.571	2.60E-02	1.20E-01	—	pCi/L	—	J+	10-3907	CAPA-10-24650	GELC
R-49	8831	845	06/14/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.42	1.53E-02	4.60E-02	—	pCi/L	—	—	10-3411	CAPA-10-17856	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	1.02	3.33E-02	5.00E-02	—	pCi/L	—	—	10-2296	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	1.53	4.00E-02	3.90E-02	—	pCi/L	—	—	10-851	CAPA-10-6813	GELC
R-49	8841	905.6	10/07/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.3	—	—	7.30E-01	mg/L	—	—	11-93	CAPA-10-27422	GELC
R-49	8841	905.6	07/29/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58	—	—	7.30E-01	mg/L	—	—	10-3908	CAPA-10-24140	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-49	8841	905.6	06/09/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.2	—	—	7.30E-01	mg/L	—	—	10-3367	CAPA-10-17899	GELC
R-49	8841	905.6	03/05/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.6	—	—	7.30E-01	mg/L	—	—	10-2336	CAPA-10-12907	GELC
R-49	8841	905.6	12/09/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.4	—	—	7.30E-01	mg/L	—	—	10-869	CAPA-10-6815	GELC
R-49	8841	905.6	10/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.1	—	—	5.00E-02	mg/L	—	—	11-93	CAPA-10-27422	GELC
R-49	8841	905.6	07/29/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.7	—	—	5.00E-02	mg/L	—	—	10-3908	CAPA-10-24140	GELC
R-49	8841	905.6	06/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.7	—	—	5.00E-02	mg/L	—	—	10-3367	CAPA-10-17899	GELC
R-49	8841	905.6	03/05/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.3	—	—	5.00E-02	mg/L	—	—	10-2336	CAPA-10-12907	GELC
R-49	8841	905.6	10/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.2	—	—	5.00E-02	mg/L	—	—	11-93	CAPA-10-27423	GELC
R-49	8841	905.6	07/29/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.4	—	—	5.00E-02	mg/L	—	—	10-3908	CAPA-10-24139	GELC
R-49	8841	905.6	06/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.2	—	—	5.00E-02	mg/L	—	—	10-3367	CAPA-10-17898	GELC
R-49	8841	905.6	03/05/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13	—	—	5.00E-02	mg/L	—	—	10-2336	CAPA-10-12909	GELC
R-49	8841	905.6	10/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.44	—	—	6.60E-02	mg/L	—	—	11-93	CAPA-10-27422	GELC
R-49	8841	905.6	07/29/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.37	—	—	6.60E-02	mg/L	—	—	10-3908	CAPA-10-24140	GELC
R-49	8841	905.6	06/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.36	—	—	6.60E-02	mg/L	—	J	10-3367	CAPA-10-17899	GELC
R-49	8841	905.6	03/05/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.73	—	—	6.60E-02	mg/L	—	—	10-2336	CAPA-10-12907	GELC
R-49	8841	905.6	12/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.29	—	—	6.60E-02	mg/L	H	J-	10-869	CAPA-10-6815	GELC
R-49	8841	905.6	10/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.288	—	—	3.30E-02	mg/L	—	—	11-93	CAPA-10-27422	GELC
R-49	8841	905.6	07/29/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.231	—	—	3.30E-02	mg/L	—	—	10-3908	CAPA-10-24140	GELC
R-49	8841	905.6	06/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.254	—	—	3.30E-02	mg/L	—	—	10-3367	CAPA-10-17899	GELC
R-49	8841	905.6	03/05/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.312	—	—	3.30E-02	mg/L	—	—	10-2336	CAPA-10-12907	GELC
R-49	8841	905.6	12/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.233	—	—	3.30E-02	mg/L	H	J-	10-869	CAPA-10-6815	GELC
R-49	8841	905.6	07/29/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	46.3	—	—	3.50E-01	mg/L	—	—	10-3908	CAPA-10-24140	GELC
R-49	8841	905.6	06/09/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	42.9	—	—	3.50E-01	mg/L	—	—	10-3367	CAPA-10-17899	GELC
R-49	8841	905.6	03/05/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44.3	—	—	3.50E-01	mg/L	—	—	10-2336	CAPA-10-12907	GELC
R-49	8841	905.6	10/07/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.5	—	—	3.50E-01	mg/L	—	—	11-93	CAPA-10-27423	GELC
R-49	8841	905.6	07/29/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	45.2	—	—	3.50E-01	mg/L	—	—	10-3908	CAPA-10-24139	GELC
R-49	8841	905.6	06/09/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.4	—	—	3.50E-01	mg/L	—	—	10-3367	CAPA-10-17898	GELC
R-49	8841	905.6	03/05/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	47	—	—	3.50E-01	mg/L	—	—	10-2336	CAPA-10-12909	GELC
R-49	8841	905.6	10/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.41	—	—	8.50E-02	mg/L	—	J	11-93	CAPA-10-27422	GELC
R-49	8841	905.6	07/29/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.53	—	—	8.50E-02	mg/L	—	—	10-3908	CAPA-10-24140	GELC
R-49	8841	905.6	06/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.33	—	—	8.50E-02	mg/L	—	—	10-3367	CAPA-10-17899	GELC
R-49	8841	905.6	03/05/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.32	—	—	8.50E-02	mg/L	—	—	10-2336	CAPA-10-12907	GELC
R-49	8841	905.6	10/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.39	—	—	8.50E-02	mg/L	—	J	11-93	CAPA-10-27423	GELC
R-49	8841	905.6	07/29/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.47	—	—	8.50E-02	mg/L	—	—	10-3908	CAPA-10-24139	GELC
R-49	8841	905.6	06/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.38	—	—	8.50E-02	mg/L	—	—	10-3367	CAPA-10-17898	GELC
R-49	8841	905.6	03/05/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.51	—	—	8.50E-02	mg/L	—	—	10-2336	CAPA-10-12909	GELC
R-49	8841	905.6	10/07/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.6	—	—	5.00E-02	mg/L	—	—	11-93	CAPA-10-27422	GELC
R-49	8841	905.6	07/29/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.695	—	—	5.00E-02	mg/L	—	—	10-3908	CAPA-10-24140	GELC
R-49	8841	905.6	06/09/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.685	—	—	5.00E-02	mg/L	—	—	10-3367	CAPA-10-17899	GELC
R-49	8841	905.6	03/05/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.76	—	—	5.00E-02	mg/L	—	—	10-2336	CAPA-10-12907	GELC
R-49	8841	905.6	12/09/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.62	—	—	5.00E-02	mg/L	—	—	10-869	CAPA-10-6815	GELC
R-49	8841	905.6	10/07/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.365	—	—	5.00E-02	ug/L	—	—	11-93	CAPA-10-27422	GELC
R-49	8841	905.6	07/29/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.334	—	—	5.00E-02	ug/L	—	—	10-3908	CAPA-10-24140	GELC
R-49	8841	905.6	06/09/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.345	—	—	5.00E-02	ug/L	—	—	10-3367	CAPA-10-17899	GELC
R-49	8841	905.6	03/05/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.367	—	—	5.00E-02	ug/L	—	—	10-2336	CAPA-10-12907	GELC
R-49	8841	905.6	12/09/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.349	—	—	5.00E-02	ug/L	—	—	10-869	CAPA-10-6815	GELC
R-49	8841	905.6	10/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.37	—	—	5.00E-02	mg/L	—	—	11-93	CAPA-10-27422	GELC
R-49	8841	905.6	07/29/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.48	—	—	5.00E-02	mg/L	—	—	10-3908	CAPA-10-24140	GELC
R-49	8841	905.6	06/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.41	—	—	5.00E-02	mg/L	—	—	10-3367	CAPA-10-17899	GELC
R-49	8841	905.6	03/05/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.33	—	—	5.00E-02	mg/L	—	—	10-2336	CAPA-10-12907	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-49	8841	905.6	10/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.36	—	—	5.00E-02	mg/L	—	—	11-93	CAPA-10-27423	GELC
R-49	8841	905.6	07/29/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.45	—	—	5.00E-02	mg/L	—	—	10-3908	CAPA-10-24139	GELC
R-49	8841	905.6	06/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.45	—	—	5.00E-02	mg/L	—	—	10-3367	CAPA-10-17898	GELC
R-49	8841	905.6	03/05/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.45	—	—	5.00E-02	mg/L	—	—	10-2336	CAPA-10-12909	GELC
R-49	8841	905.6	10/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.5	—	—	1.00E-01	mg/L	—	—	11-93	CAPA-10-27422	GELC
R-49	8841	905.6	07/29/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	1.00E-01	mg/L	N	J+	10-3908	CAPA-10-24140	GELC
R-49	8841	905.6	06/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.1	—	—	1.00E-01	mg/L	—	—	10-3367	CAPA-10-17899	GELC
R-49	8841	905.6	03/05/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	1.00E-01	mg/L	—	—	10-2336	CAPA-10-12907	GELC
R-49	8841	905.6	10/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.18	—	—	1.00E-01	mg/L	—	—	11-93	CAPA-10-27423	GELC
R-49	8841	905.6	07/29/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	1.00E-01	mg/L	N	J+	10-3908	CAPA-10-24139	GELC
R-49	8841	905.6	06/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	1.00E-01	mg/L	—	—	10-3367	CAPA-10-17898	GELC
R-49	8841	905.6	03/05/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	1.00E-01	mg/L	—	—	10-2336	CAPA-10-12909	GELC
R-49	8841	905.6	10/07/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	139	—	—	1.00E+00	uS/cm	—	—	11-93	CAPA-10-27422	GELC
R-49	8841	905.6	07/29/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	132	—	—	1.00E+00	uS/cm	—	—	10-3908	CAPA-10-24140	GELC
R-49	8841	905.6	06/09/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	143	—	—	1.00E+00	uS/cm	—	—	10-3367	CAPA-10-17899	GELC
R-49	8841	905.6	03/05/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	133	—	—	1.00E+00	uS/cm	—	—	10-2336	CAPA-10-12907	GELC
R-49	8841	905.6	10/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.52	—	—	1.00E-01	mg/L	—	—	11-93	CAPA-10-27422	GELC
R-49	8841	905.6	07/29/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.4	—	—	1.00E-01	mg/L	—	—	10-3908	CAPA-10-24140	GELC
R-49	8841	905.6	06/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.45	—	—	1.00E-01	mg/L	—	—	10-3367	CAPA-10-17899	GELC
R-49	8841	905.6	03/05/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.22	—	—	1.00E-01	mg/L	—	—	10-2336	CAPA-10-12907	GELC
R-49	8841	905.6	12/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.36	—	—	1.00E-01	mg/L	H	J-	10-869	CAPA-10-6815	GELC
R-49	8841	905.6	10/07/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	145	—	—	2.40E+00	mg/L	—	—	11-93	CAPA-10-27422	GELC
R-49	8841	905.6	07/29/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	144	—	—	2.40E+00	mg/L	—	—	10-3908	CAPA-10-24140	GELC
R-49	8841	905.6	06/09/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	147	—	—	2.40E+00	mg/L	—	—	10-3367	CAPA-10-17899	GELC
R-49	8841	905.6	03/05/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	139	—	—	2.40E+00	mg/L	—	J	10-2336	CAPA-10-12907	GELC
R-49	8841	905.6	12/09/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	122	—	—	2.40E+00	mg/L	—	—	10-869	CAPA-10-6815	GELC
R-49	8841	905.6	10/07/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.662	—	—	3.30E-01	mg/L	J	J	11-93	CAPA-10-27423	GELC
R-49	8841	905.6	07/29/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.595	—	—	3.30E-01	mg/L	J	J	10-3908	CAPA-10-24139	GELC
R-49	8841	905.6	06/09/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	10-3367	CAPA-10-17898	GELC
R-49	8841	905.6	03/05/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	10-2335	CAPA-10-12909	GELC
R-49	8841	905.6	12/09/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	10-868	CAPA-10-6816	GELC
R-49	8841	905.6	10/07/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.05	—	—	1.50E-02	mg/L	—	—	11-93	CAPA-10-27422	GELC
R-49	8841	905.6	07/29/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.05	—	—	1.50E-02	mg/L	U	U	10-3908	CAPA-10-24140	GELC
R-49	8841	905.6	06/09/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.057	—	—	1.50E-02	mg/L	—	U	10-3367	CAPA-10-17899	GELC
R-49	8841	905.6	03/05/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.049	—	—	1.50E-02	mg/L	J	U	10-2336	CAPA-10-12907	GELC
R-49	8841	905.6	12/09/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.058	—	—	1.50E-02	mg/L	—	U	10-869	CAPA-10-6815	GELC
R-49	8841	905.6	10/07/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.99	—	—	1.00E-02	SU	H	J-	11-93	CAPA-10-27422	GELC
R-49	8841	905.6	07/29/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.9	—	—	1.00E-02	SU	H	J-	10-3908	CAPA-10-24140	GELC
R-49	8841	905.6	06/09/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.11	—	—	1.00E-02	SU	H	J-	10-3367	CAPA-10-17899	GELC
R-49	8841	905.6	03/05/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.07	—	—	1.00E-02	SU	H	J-	10-2336	CAPA-10-12907	GELC
R-49	8841	905.6	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	20.6	—	—	1.00E+00	ug/L	—	—	11-93	CAPA-10-27422	GELC
R-49	8841	905.6	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	21	—	—	1.00E+00	ug/L	—	—	10-3908	CAPA-10-24140	GELC
R-49	8841	905.6	06/09/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	20.4	—	—	1.00E+00	ug/L	—	—	10-3367	CAPA-10-17899	GELC
R-49	8841	905.6	03/05/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	20.4	—	—	1.00E+00	ug/L	—	—	10-2336	CAPA-10-12907	GELC
R-49	8841	905.6	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	20.9	—	—	1.00E+00	ug/L	—	—	11-93	CAPA-10-27423	GELC
R-49	8841	905.6	07/29/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	21	—	—	1.00E+00	ug/L	—	—	10-3908	CAPA-10-24139	GELC
R-49	8841	905.6	06/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	20.8	—	—	1.00E+00	ug/L	—	—	10-3367	CAPA-10-17898	GELC
R-49	8841	905.6	03/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	20.7	—	—	1.00E+00	ug/L	—	—	10-2336	CAPA-10-12909	GELC
R-49	8841	905.6	10/07/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.34	—	—	2.50E+00	ug/L	J	J	11-93	CAPA-10-27422	GELC
R-49	8841	905.6	07/29/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.35	—	—	2.50E+00	ug/L	J	J	10-3908	CAPA-10-24140	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-49	8841	905.6	06/09/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.58	—	—	2.50E+00	ug/L	J	J	10-3367	CAPA-10-17899	GELC
R-49	8841	905.6	03/05/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2336	CAPA-10-12907	GELC
R-49	8841	905.6	10/07/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.39	—	—	2.50E+00	ug/L	J	J	11-93	CAPA-10-27423	GELC
R-49	8841	905.6	07/29/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.68	—	—	2.50E+00	ug/L	J	J	10-3908	CAPA-10-24139	GELC
R-49	8841	905.6	06/09/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.89	—	—	2.50E+00	ug/L	J	J	10-3367	CAPA-10-17898	GELC
R-49	8841	905.6	03/05/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2336	CAPA-10-12909	GELC
R-49	8841	905.6	10/07/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.48	—	—	1.00E-01	ug/L	—	—	11-93	CAPA-10-27422	GELC
R-49	8841	905.6	07/29/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.38	—	—	1.00E-01	ug/L	—	—	10-3908	CAPA-10-24140	GELC
R-49	8841	905.6	06/09/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.44	—	—	1.00E-01	ug/L	—	—	10-3367	CAPA-10-17899	GELC
R-49	8841	905.6	03/05/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.4	—	—	1.00E-01	ug/L	—	U	10-2336	CAPA-10-12907	GELC
R-49	8841	905.6	10/07/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.44	—	—	1.00E-01	ug/L	—	—	11-93	CAPA-10-27423	GELC
R-49	8841	905.6	07/29/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.31	—	—	1.00E-01	ug/L	—	—	10-3908	CAPA-10-24139	GELC
R-49	8841	905.6	06/09/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.43	—	—	1.00E-01	ug/L	—	—	10-3367	CAPA-10-17898	GELC
R-49	8841	905.6	03/05/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.48	—	—	1.00E-01	ug/L	—	U	10-2336	CAPA-10-12909	GELC
R-49	8841	905.6	10/07/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.05	—	—	5.00E-01	ug/L	J	J	11-93	CAPA-10-27422	GELC
R-49	8841	905.6	07/29/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.642	—	—	5.00E-01	ug/L	J	J	10-3908	CAPA-10-24140	GELC
R-49	8841	905.6	06/09/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.747	—	—	5.00E-01	ug/L	J	J	10-3367	CAPA-10-17899	GELC
R-49	8841	905.6	03/05/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.503	—	—	5.00E-01	ug/L	J	J	10-2336	CAPA-10-12907	GELC
R-49	8841	905.6	10/07/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.652	—	—	5.00E-01	ug/L	J	J	11-93	CAPA-10-27423	GELC
R-49	8841	905.6	07/29/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	10-3908	CAPA-10-24139	GELC
R-49	8841	905.6	06/09/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.732	—	—	5.00E-01	ug/L	J	J	10-3367	CAPA-10-17898	GELC
R-49	8841	905.6	03/05/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.567	—	—	5.00E-01	ug/L	J	J	10-2336	CAPA-10-12909	GELC
R-49	8841	905.6	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.8	—	—	5.30E-02	mg/L	—	—	11-93	CAPA-10-27422	GELC
R-49	8841	905.6	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71	—	—	5.30E-02	mg/L	—	—	10-3908	CAPA-10-24140	GELC
R-49	8841	905.6	06/09/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.9	—	—	5.30E-02	mg/L	—	—	10-3367	CAPA-10-17899	GELC
R-49	8841	905.6	03/05/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	66.9	—	—	5.30E-02	mg/L	—	—	10-2336	CAPA-10-12907	GELC
R-49	8841	905.6	12/09/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	68.1	—	—	5.30E-02	mg/L	—	—	10-869	CAPA-10-6815	GELC
R-49	8841	905.6	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	55.1	—	—	1.00E+00	ug/L	—	—	11-93	CAPA-10-27422	GELC
R-49	8841	905.6	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	59.1	—	—	1.00E+00	ug/L	—	—	10-3908	CAPA-10-24140	GELC
R-49	8841	905.6	06/09/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	54.5	—	—	1.00E+00	ug/L	—	—	10-3367	CAPA-10-17899	GELC
R-49	8841	905.6	03/05/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	53.1	—	—	1.00E+00	ug/L	—	—	10-2336	CAPA-10-12907	GELC
R-49	8841	905.6	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	54.4	—	—	1.00E+00	ug/L	—	—	11-93	CAPA-10-27423	GELC
R-49	8841	905.6	07/29/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	58.2	—	—	1.00E+00	ug/L	—	—	10-3908	CAPA-10-24139	GELC
R-49	8841	905.6	06/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	56.9	—	—	1.00E+00	ug/L	—	—	10-3367	CAPA-10-17898	GELC
R-49	8841	905.6	03/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	56.9	—	—	1.00E+00	ug/L	—	—	10-2336	CAPA-10-12909	GELC
R-49	8841	905.6	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	—	5.68	—	—	2.50E+00	ug/L	J	J	11-93	CAPA-10-27422	GELC
R-49	8841	905.6	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	10-3908	CAPA-10-24140	GELC
R-49	8841	905.6	06/09/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-3367	CAPA-10-17899	GELC
R-49	8841	905.6	03/05/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	10-2336	CAPA-10-12907	GELC
R-49	8841	905.6	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	—	4.69	—	—	2.50E+00	ug/L	J	J	11-93	CAPA-10-27423	GELC
R-49	8841	905.6	07/29/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	10-3908	CAPA-10-24139	GELC
R-49	8841	905.6	06/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	10-3367	CAPA-10-17898	GELC
R-49	8841	905.6	03/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	10-2336	CAPA-10-12909	GELC
R-49	8841	905.6	10/07/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.349	—	—	5.00E-02	ug/L	—	—	11-93	CAPA-10-27422	GELC
R-49	8841	905.6	07/29/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.302	—	—	5.00E-02	ug/L	—	U	10-3908	CAPA-10-24140	GELC
R-49	8841	905.6	06/09/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.315	—	—	5.00E-02	ug/L	—	—	10-3367	CAPA-10-17899	GELC
R-49	8841	905.6	03/05/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.276	—	—	5.00E-02	ug/L	—	—	10-2336	CAPA-10-12907	GELC
R-49	8841	905.6	10/07/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.355	—	—	5.00E-02	ug/L	—	—	11-93	CAPA-10-27423	GELC
R-49	8841	905.6	07/29/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.297	—	—	5.00E-02	ug/L	—	U	10-3908	CAPA-10-24139	GELC
R-49	8841	905.6	06/09/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.317	—	—	5.00E-02	ug/L	—	—	10-3367	CAPA-10-17898	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-49	8841	905.6	03/05/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.288	—	—	5.00E-02	ug/L	—	—	10-2336	CAPA-10-12909	GELC
R-49	8841	905.6	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.49	—	—	1.00E+00	ug/L	J	J	11-93	CAPA-10-27422	GELC
R-49	8841	905.6	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.03	—	—	1.00E+00	ug/L	J	J	10-3908	CAPA-10-24140	GELC
R-49	8841	905.6	06/09/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.16	—	—	1.00E+00	ug/L	J	J	10-3367	CAPA-10-17899	GELC
R-49	8841	905.6	03/05/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.39	—	—	1.00E+00	ug/L	—	—	10-2336	CAPA-10-12907	GELC
R-49	8841	905.6	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.83	—	—	1.00E+00	ug/L	J	J	11-93	CAPA-10-27423	GELC
R-49	8841	905.6	07/29/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.89	—	—	1.00E+00	ug/L	J	J	10-3908	CAPA-10-24139	GELC
R-49	8841	905.6	06/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.3	—	—	1.00E+00	ug/L	J	J	10-3367	CAPA-10-17898	GELC
R-49	8841	905.6	03/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.55	—	—	1.00E+00	ug/L	—	—	10-2336	CAPA-10-12909	GELC
R-49	8841	905.6	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.15	—	—	3.30E+00	ug/L	J	J	11-93	CAPA-10-27422	GELC
R-49	8841	905.6	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-3908	CAPA-10-24140	GELC
R-49	8841	905.6	06/09/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-3367	CAPA-10-17899	GELC
R-49	8841	905.6	03/05/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-2336	CAPA-10-12907	GELC
R-49	8841	905.6	07/29/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-3908	CAPA-10-24139	GELC
R-49	8841	905.6	06/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-3367	CAPA-10-17898	GELC
R-49	8841	905.6	03/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-2336	CAPA-10-12909	GELC
R-49	8841	905.6	10/07/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00152	6.00E-04	3.50E-02	—	pCi/L	U	U	11-92	CAPA-10-27423	GELC
R-49	8841	905.6	07/29/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00132	1.80E-03	4.10E-02	—	pCi/L	U	U	10-3907	CAPA-10-24139	GELC
R-49	8841	905.6	06/09/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00165	1.43E-03	2.30E-02	—	pCi/L	U	U	10-3366	CAPA-10-17898	GELC
R-49	8841	905.6	03/05/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00313	8.00E-04	2.40E-02	—	pCi/L	U	U	10-2336	CAPA-10-12909	GELC
R-49	8841	905.6	12/09/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00135	1.13E-03	3.80E-02	—	pCi/L	U	U	10-869	CAPA-10-6816	GELC
R-49	8841	905.6	10/07/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.321	5.67E-01	5.60E+00	—	pCi/L	U	U	11-92	CAPA-10-27423	GELC
R-49	8841	905.6	07/29/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.767	4.67E-01	4.70E+00	—	pCi/L	U	U	10-3907	CAPA-10-24139	GELC
R-49	8841	905.6	06/09/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.687	5.00E-01	4.80E+00	—	pCi/L	U	U	10-3366	CAPA-10-17898	GELC
R-49	8841	905.6	03/05/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.886	5.67E-01	5.60E+00	—	pCi/L	U	U	10-2336	CAPA-10-12909	GELC
R-49	8841	905.6	12/09/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.06	4.00E-01	4.20E+00	—	pCi/L	U	U	10-869	CAPA-10-6816	GELC
R-49	8841	905.6	10/07/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.04	5.33E-01	5.90E+00	—	pCi/L	U	U	11-92	CAPA-10-27423	GELC
R-49	8841	905.6	07/29/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.991	4.33E-01	4.60E+00	—	pCi/L	U	U	10-3907	CAPA-10-24139	GELC
R-49	8841	905.6	06/09/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.16	5.00E-01	5.50E+00	—	pCi/L	U	U	10-3366	CAPA-10-17898	GELC
R-49	8841	905.6	03/05/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.19	4.33E-01	4.80E+00	—	pCi/L	U	U	10-2336	CAPA-10-12909	GELC
R-49	8841	905.6	12/09/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.34	4.00E-01	3.40E+00	—	pCi/L	U	U	10-869	CAPA-10-6816	GELC
R-49	8841	905.6	10/07/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.432	2.10E-01	2.60E+00	—	pCi/L	U	U	11-92	CAPA-10-27423	GELC
R-49	8841	905.6	07/29/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.409	1.83E-01	2.20E+00	—	pCi/L	U	U	10-3907	CAPA-10-24139	GELC
R-49	8841	905.6	06/09/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.182	1.90E-01	2.40E+00	—	pCi/L	U	U	10-3366	CAPA-10-17898	GELC
R-49	8841	905.6	03/05/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.5	2.67E-01	2.40E+00	—	pCi/L	U	U	10-2336	CAPA-10-12909	GELC
R-49	8841	905.6	12/09/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.547	2.67E-01	2.90E+00	—	pCi/L	U	U	10-869	CAPA-10-6816	GELC
R-49	8841	905.6	10/07/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.8	2.67E-01	2.50E+00	—	pCi/L	U	U	11-92	CAPA-10-27423	GELC
R-49	8841	905.6	07/29/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.12	2.90E-01	2.90E+00	—	pCi/L	U	U	10-3907	CAPA-10-24139	GELC
R-49	8841	905.6	06/09/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.627	2.50E-01	2.50E+00	—	pCi/L	U	U	10-3366	CAPA-10-17898	GELC
R-49	8841	905.6	03/05/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.09	2.60E-01	2.60E+00	—	pCi/L	U	U	10-2336	CAPA-10-12909	GELC
R-49	8841	905.6	12/09/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.02	2.33E-01	2.30E+00	—	pCi/L	U	U	10-869	CAPA-10-6816	GELC
R-49	8841	905.6	10/07/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	48.7	7.33E+00	5.50E+01	—	pCi/L	U	U	11-92	CAPA-10-27423	GELC
R-49	8841	905.6	07/29/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	29.4	4.33E+00	8.50E+01	—	pCi/L	U	U	10-3907	CAPA-10-24139	GELC
R-49	8841	905.6	06/09/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	17.6	2.57E+00	2.30E+01	—	pCi/L	U	U	10-3366	CAPA-10-17898	GELC
R-49	8841	905.6	03/05/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	12.4	1.37E+00	9.80E+00	—	pCi/L	—	—	10-2336	CAPA-10-12909	GELC
R-49	8841	905.6	12/09/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	35.1	1.67E+01	5.00E+01	—	pCi/L	U	U	10-869	CAPA-10-6816	GELC
R-49	8841	905.6	10/07/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.31	1.00E+00	9.80E+00	—	pCi/L	U	U	11-92	CAPA-10-27423	GELC
R-49	8841	905.6	07/29/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.68	9.67E-01	9.00E+00	—	pCi/L	U	U	10-3907	CAPA-10-24139	GELC
R-49	8841	905.6	06/09/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.92	1.10E+00	1.10E+01	—	pCi/L	U	U	10-3366	CAPA-10-17898	GELC
R-49	8841	905.6	03/05/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.45	4.00E+00	3.80E+01	—	pCi/L	U	U	10-2336	CAPA-10-12909	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-49	8841	905.6	12/09/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.11	3.00E+00	3.00E+01	—	pCi/L	U	U	10-869	CAPA-10-6816	GELC
R-49	8841	905.6	10/07/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.57E-03	2.70E-02	—	pCi/L	U	U	11-92	CAPA-10-27423	GELC
R-49	8841	905.6	07/29/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	8.33E-04	2.20E-02	—	pCi/L	U	U	10-3907	CAPA-10-24139	GELC
R-49	8841	905.6	06/09/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00195	1.13E-03	3.00E-02	—	pCi/L	U	U	10-3366	CAPA-10-17898	GELC
R-49	8841	905.6	03/05/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00414	1.97E-03	3.60E-02	—	pCi/L	U	U	10-2336	CAPA-10-12909	GELC
R-49	8841	905.6	12/09/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00885	1.80E-03	3.20E-02	—	pCi/L	U	U	10-869	CAPA-10-6816	GELC
R-49	8841	905.6	10/07/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00235	1.37E-03	4.60E-02	—	pCi/L	U	U	11-92	CAPA-10-27423	GELC
R-49	8841	905.6	07/29/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0075	1.87E-03	3.60E-02	—	pCi/L	U	U	10-3907	CAPA-10-24139	GELC
R-49	8841	905.6	06/09/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0039	1.83E-03	2.70E-02	—	pCi/L	U	U	10-3366	CAPA-10-17898	GELC
R-49	8841	905.6	03/05/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00414	1.37E-03	2.50E-02	—	pCi/L	U	U	10-2336	CAPA-10-12909	GELC
R-49	8841	905.6	12/09/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0133	1.83E-03	3.50E-02	—	pCi/L	U	U	10-869	CAPA-10-6816	GELC
R-49	8841	905.6	10/07/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-26.7	6.33E+00	5.70E+01	—	pCi/L	U	U	11-92	CAPA-10-27423	GELC
R-49	8841	905.6	07/29/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-48.8	6.33E+00	5.00E+01	—	pCi/L	U	U	10-3907	CAPA-10-24139	GELC
R-49	8841	905.6	06/09/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	11.8	7.00E+00	7.50E+01	—	pCi/L	U	U	10-3366	CAPA-10-17898	GELC
R-49	8841	905.6	03/05/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-7.5	5.00E+00	4.70E+01	—	pCi/L	U	U	10-2336	CAPA-10-12909	GELC
R-49	8841	905.6	12/09/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-44.2	6.00E+00	5.00E+01	—	pCi/L	U	U	10-869	CAPA-10-6816	GELC
R-49	8841	905.6	10/07/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.34	5.33E-01	5.90E+00	—	pCi/L	U	U	11-92	CAPA-10-27423	GELC
R-49	8841	905.6	07/29/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.48	4.67E-01	5.30E+00	—	pCi/L	U	U	10-3907	CAPA-10-24139	GELC
R-49	8841	905.6	06/09/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.474	5.00E-01	4.90E+00	—	pCi/L	U	U	10-3366	CAPA-10-17898	GELC
R-49	8841	905.6	03/05/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.863	4.67E-01	4.20E+00	—	pCi/L	U	U	10-2336	CAPA-10-12909	GELC
R-49	8841	905.6	12/09/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.172	3.67E-01	3.50E+00	—	pCi/L	U	U	10-869	CAPA-10-6816	GELC
R-49	8841	905.6	10/07/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.166	5.00E-02	4.90E-01	—	pCi/L	U	U	11-92	CAPA-10-27423	GELC
R-49	8841	905.6	07/29/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.054	4.00E-02	4.30E-01	—	pCi/L	U	U	10-3907	CAPA-10-24139	GELC
R-49	8841	905.6	06/09/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.000377	4.67E-02	4.90E-01	—	pCi/L	U	U	10-3366	CAPA-10-17898	GELC
R-49	8841	905.6	03/05/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0856	4.67E-02	5.00E-01	—	pCi/L	U	U	10-2336	CAPA-10-12909	GELC
R-49	8841	905.6	12/09/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0515	4.00E-02	4.20E-01	—	pCi/L	U	U	10-869	CAPA-10-6816	GELC
R-49	8841	905.6	10/07/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.24	9.00E-03	3.20E-02	—	pCi/L	—	—	11-92	CAPA-10-27423	GELC
R-49	8841	905.6	07/29/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.191	9.67E-03	8.80E-02	—	pCi/L	—	—	10-3907	CAPA-10-24139	GELC
R-49	8841	905.6	06/09/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.25	1.03E-02	5.50E-02	—	pCi/L	—	—	10-3366	CAPA-10-17898	GELC
R-49	8841	905.6	03/05/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.25	1.00E-02	4.20E-02	—	pCi/L	—	—	10-2336	CAPA-10-12909	GELC
R-49	8841	905.6	12/09/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.368	1.20E-02	5.70E-02	—	pCi/L	—	—	10-869	CAPA-10-6816	GELC
R-49	8841	905.6	10/07/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0115	2.33E-03	2.40E-02	—	pCi/L	U	U	11-92	CAPA-10-27423	GELC
R-49	8841	905.6	07/29/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0112	2.17E-03	4.10E-02	—	pCi/L	U	U	10-3907	CAPA-10-24139	GELC
R-49	8841	905.6	06/09/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00313	1.80E-03	3.70E-02	—	pCi/L	U	U	10-3366	CAPA-10-17898	GELC
R-49	8841	905.6	03/05/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00289	9.67E-04	3.30E-02	—	pCi/L	U	U	10-2336	CAPA-10-12909	GELC
R-49	8841	905.6	12/09/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0215	2.53E-03	3.00E-02	—	pCi/L	U	U	10-869	CAPA-10-6816	GELC
R-49	8841	905.6	10/07/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0859	4.67E-03	1.90E-02	—	pCi/L	—	—	11-92	CAPA-10-27423	GELC
R-49	8841	905.6	07/29/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.139	7.67E-03	5.30E-02	—	pCi/L	—	—	10-3907	CAPA-10-24139	GELC
R-49	8841	905.6	06/09/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.117	6.33E-03	4.10E-02	—	pCi/L	—	—	10-3366	CAPA-10-17898	GELC
R-49	8841	905.6	03/05/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.105	6.00E-03	2.90E-02	—	pCi/L	—	—	10-2336	CAPA-10-12909	GELC
R-49	8841	905.6	12/09/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.127	6.00E-03	3.60E-02	—	pCi/L	—	—	10-869	CAPA-10-6816	GELC
R-51	8991	914.96	10/19/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.7	—	—	7.30E-01	mg/L	—	—	11-206	CAPA-10-27439	GELC
R-51	8991	914.96	07/26/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	70	—	—	7.30E-01	mg/L	—	—	10-3839	CAPA-10-24154	GELC
R-51	8991	914.96	06/18/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.2	—	—	7.30E-01	mg/L	—	—	10-3460	CAPA-10-19015	GELC
R-51	8991	914.96	03/08/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	54.8	—	—	7.30E-01	mg/L	—	—	10-2365	CAPA-10-13495	GELC
R-51	8991	914.96	10/19/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.032	—	—	1.60E-02	mg/L	J	J-	11-206	CAPA-10-27439	GELC
R-51	8991	914.96	07/26/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	UJ	10-3839	CAPA-10-24154	GELC
R-51	8991	914.96	06/18/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.06	—	—	1.60E-02	mg/L	—	U	10-3460	CAPA-10-19015	GELC
R-51	8991	914.96	03/08/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	UJ	10-2365	CAPA-10-13495	GELC
R-51	8991	914.96	10/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.7	—	—	5.00E-02	mg/L	—	—	11-206	CAPA-10-27439	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-51	8991	914.96	07/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.4	—	—	5.00E-02	mg/L	N	J+	10-3839	CAPA-10-24154	GELC
R-51	8991	914.96	06/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.5	—	—	5.00E-02	mg/L	—	—	10-3460	CAPA-10-19015	GELC
R-51	8991	914.96	03/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.1	—	—	5.00E-02	mg/L	—	—	10-2365	CAPA-10-13495	GELC
R-51	8991	914.96	10/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.4	—	—	5.00E-02	mg/L	—	—	11-206	CAPA-10-27437	GELC
R-51	8991	914.96	07/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.6	—	—	5.00E-02	mg/L	N	J+	10-3839	CAPA-10-24156	GELC
R-51	8991	914.96	06/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.8	—	—	5.00E-02	mg/L	—	—	10-3460	CAPA-10-19017	GELC
R-51	8991	914.96	03/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.3	—	—	5.00E-02	mg/L	—	—	10-2365	CAPA-10-13494	GELC
R-51	8991	914.96	10/19/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.92	—	—	6.60E-02	mg/L	—	—	11-206	CAPA-10-27439	GELC
R-51	8991	914.96	07/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.99	—	—	6.60E-02	mg/L	—	—	10-3839	CAPA-10-24154	GELC
R-51	8991	914.96	06/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.94	—	—	6.60E-02	mg/L	—	—	10-3460	CAPA-10-19015	GELC
R-51	8991	914.96	03/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.62	—	—	6.60E-02	mg/L	—	—	10-2365	CAPA-10-13495	GELC
R-51	8991	914.96	10/19/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.151	—	—	3.30E-02	mg/L	—	—	11-206	CAPA-10-27439	GELC
R-51	8991	914.96	07/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.255	—	—	3.30E-02	mg/L	—	—	10-3839	CAPA-10-24154	GELC
R-51	8991	914.96	06/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.222	—	—	3.30E-02	mg/L	—	—	10-3460	CAPA-10-19015	GELC
R-51	8991	914.96	03/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.238	—	—	3.30E-02	mg/L	—	—	10-2365	CAPA-10-13495	GELC
R-51	8991	914.96	10/19/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38.6	—	—	3.50E-01	mg/L	—	—	11-206	CAPA-10-27439	GELC
R-51	8991	914.96	07/26/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.4	—	—	3.50E-01	mg/L	—	—	10-3839	CAPA-10-24154	GELC
R-51	8991	914.96	06/18/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.8	—	—	3.50E-01	mg/L	—	—	10-3460	CAPA-10-19015	GELC
R-51	8991	914.96	03/08/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.2	—	—	3.50E-01	mg/L	—	—	10-2365	CAPA-10-13495	GELC
R-51	8991	914.96	10/19/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.2	—	—	3.50E-01	mg/L	—	—	11-206	CAPA-10-27437	GELC
R-51	8991	914.96	07/26/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	43.7	—	—	3.50E-01	mg/L	—	—	10-3839	CAPA-10-24156	GELC
R-51	8991	914.96	06/18/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	40.7	—	—	3.50E-01	mg/L	—	—	10-3460	CAPA-10-19017	GELC
R-51	8991	914.96	03/08/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.7	—	—	3.50E-01	mg/L	—	—	10-2365	CAPA-10-13494	GELC
R-51	8991	914.96	10/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.86	—	—	8.50E-02	mg/L	—	—	11-206	CAPA-10-27439	GELC
R-51	8991	914.96	07/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.65	—	—	8.50E-02	mg/L	—	—	10-3839	CAPA-10-24154	GELC
R-51	8991	914.96	06/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.67	—	—	8.50E-02	mg/L	—	—	10-3460	CAPA-10-19015	GELC
R-51	8991	914.96	03/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.68	—	—	8.50E-02	mg/L	—	—	10-2365	CAPA-10-13495	GELC
R-51	8991	914.96	10/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.75	—	—	8.50E-02	mg/L	—	—	11-206	CAPA-10-27437	GELC
R-51	8991	914.96	07/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.95	—	—	8.50E-02	mg/L	—	—	10-3839	CAPA-10-24156	GELC
R-51	8991	914.96	06/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.73	—	—	8.50E-02	mg/L	—	—	10-3460	CAPA-10-19017	GELC
R-51	8991	914.96	03/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.93	—	—	8.50E-02	mg/L	—	—	10-2365	CAPA-10-13494	GELC
R-51	8991	914.96	10/19/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.338	—	—	5.00E-02	mg/L	—	J	11-206	CAPA-10-27439	GELC
R-51	8991	914.96	07/26/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.342	—	—	5.00E-02	mg/L	—	—	10-3839	CAPA-10-24154	GELC
R-51	8991	914.96	06/18/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.322	—	—	5.00E-02	mg/L	—	—	10-3460	CAPA-10-19015	GELC
R-51	8991	914.96	03/08/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.407	—	—	5.00E-02	mg/L	—	J	10-2365	CAPA-10-13495	GELC
R-51	8991	914.96	10/19/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.292	—	—	5.00E-02	ug/L	—	—	11-206	CAPA-10-27439	GELC
R-51	8991	914.96	07/26/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.276	—	—	5.00E-02	ug/L	—	—	10-3839	CAPA-10-24154	GELC
R-51	8991	914.96	06/18/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.283	—	—	5.00E-02	ug/L	—	—	10-3460	CAPA-10-19015	GELC
R-51	8991	914.96	03/08/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.275	—	—	5.00E-02	ug/L	—	—	10-2365	CAPA-10-13495	GELC
R-51	8991	914.96	10/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.66	—	—	5.00E-02	mg/L	—	—	11-206	CAPA-10-27439	GELC
R-51	8991	914.96	07/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.49	—	—	5.00E-02	mg/L	—	—	10-3839	CAPA-10-24154	GELC
R-51	8991	914.96	06/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.47	—	—	5.00E-02	mg/L	—	—	10-3460	CAPA-10-19015	GELC
R-51	8991	914.96	03/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.52	—	—	5.00E-02	mg/L	—	—	10-2365	CAPA-10-13495	GELC
R-51	8991	914.96	10/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.62	—	—	5.00E-02	mg/L	—	—	11-206	CAPA-10-27437	GELC
R-51	8991	914.96	07/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.58	—	—	5.00E-02	mg/L	—	—	10-3839	CAPA-10-24156	GELC
R-51	8991	914.96	06/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.51	—	—	5.00E-02	mg/L	—	—	10-3460	CAPA-10-19017	GELC
R-51	8991	914.96	03/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.63	—	—	5.00E-02	mg/L	—	—	10-2365	CAPA-10-13494	GELC
R-51	8991	914.96	10/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.6	—	—	1.00E-01	mg/L	—	—	11-206	CAPA-10-27439	GELC
R-51	8991	914.96	07/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.6	—	—	1.00E-01	mg/L	N	J+	10-3839	CAPA-10-24154	GELC
R-51	8991	914.96	06/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	1.00E-01	mg/L	—	—	10-3460	CAPA-10-19015	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-51	8991	914.96	03/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.8	—	—	1.00E-01	mg/L	E	—	10-2365	CAPA-10-13495	GELC
R-51	8991	914.96	10/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.1	—	—	1.00E-01	mg/L	—	—	11-206	CAPA-10-27437	GELC
R-51	8991	914.96	07/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.8	—	—	1.00E-01	mg/L	N	J+	10-3839	CAPA-10-24156	GELC
R-51	8991	914.96	06/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.3	—	—	1.00E-01	mg/L	—	—	10-3460	CAPA-10-19017	GELC
R-51	8991	914.96	03/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.8	—	—	1.00E-01	mg/L	E	—	10-2365	CAPA-10-13494	GELC
R-51	8991	914.96	10/19/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	147	—	—	1.00E+00	uS/cm	—	—	11-206	CAPA-10-27439	GELC
R-51	8991	914.96	07/26/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	124	—	—	1.00E+00	uS/cm	—	—	10-3839	CAPA-10-24154	GELC
R-51	8991	914.96	06/18/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	130	—	—	1.00E+00	uS/cm	—	—	10-3460	CAPA-10-19015	GELC
R-51	8991	914.96	03/08/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	145	—	—	1.00E+00	uS/cm	—	—	10-2365	CAPA-10-13495	GELC
R-51	8991	914.96	10/19/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.18	—	—	1.00E-01	mg/L	—	—	11-206	CAPA-10-27439	GELC
R-51	8991	914.96	07/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3	—	—	1.00E-01	mg/L	—	—	10-3839	CAPA-10-24154	GELC
R-51	8991	914.96	06/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.04	—	—	1.00E-01	mg/L	—	—	10-3460	CAPA-10-19015	GELC
R-51	8991	914.96	03/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.89	—	—	1.00E-01	mg/L	—	—	10-2365	CAPA-10-13495	GELC
R-51	8991	914.96	10/19/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	139	—	—	2.40E+00	mg/L	—	—	11-206	CAPA-10-27439	GELC
R-51	8991	914.96	07/26/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	131	—	—	2.40E+00	mg/L	—	—	10-3839	CAPA-10-24154	GELC
R-51	8991	914.96	06/18/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	135	—	—	2.40E+00	mg/L	—	J	10-3460	CAPA-10-19015	GELC
R-51	8991	914.96	03/08/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	124	—	—	2.40E+00	mg/L	—	—	10-2365	CAPA-10-13495	GELC
R-51	8991	914.96	10/19/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.479	—	—	3.30E-01	mg/L	J	J	11-205	CAPA-10-27437	GELC
R-51	8991	914.96	07/26/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.353	—	—	3.30E-01	mg/L	J	J	10-3838	CAPA-10-24156	GELC
R-51	8991	914.96	06/18/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.473	—	—	3.30E-01	mg/L	J	J	10-3459	CAPA-10-19017	GELC
R-51	8991	914.96	03/08/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.702	—	—	3.30E-01	mg/L	J	J	10-2365	CAPA-10-13494	GELC
R-51	8991	914.96	10/19/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.18	—	—	1.00E-02	SU	H	J-	11-206	CAPA-10-27439	GELC
R-51	8991	914.96	07/26/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.27	—	—	1.00E-02	SU	H	J-	10-3839	CAPA-10-24154	GELC
R-51	8991	914.96	06/18/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.25	—	—	1.00E-02	SU	H	J-	10-3460	CAPA-10-19015	GELC
R-51	8991	914.96	03/08/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.92	—	—	1.00E-02	SU	H	J-	10-2365	CAPA-10-13495	GELC
R-51	8991	914.96	07/26/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-3839	CAPA-10-24154	GELC
R-51	8991	914.96	06/18/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-3460	CAPA-10-19015	GELC
R-51	8991	914.96	03/08/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.67	—	—	1.50E+00	ug/L	J	J	10-2365	CAPA-10-13495	GELC
R-51	8991	914.96	10/19/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.78	—	—	1.50E+00	ug/L	J	J	11-206	CAPA-10-27437	GELC
R-51	8991	914.96	07/26/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-3839	CAPA-10-24156	GELC
R-51	8991	914.96	06/18/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-3460	CAPA-10-19017	GELC
R-51	8991	914.96	03/08/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	1.56	—	—	1.50E+00	ug/L	J	J	10-2365	CAPA-10-13494	GELC
R-51	8991	914.96	10/19/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	19.8	—	—	1.00E+00	ug/L	—	—	11-206	CAPA-10-27439	GELC
R-51	8991	914.96	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	24.9	—	—	1.00E+00	ug/L	—	—	10-3839	CAPA-10-24154	GELC
R-51	8991	914.96	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	25.4	—	—	1.00E+00	ug/L	—	—	10-3460	CAPA-10-19015	GELC
R-51	8991	914.96	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	24.6	—	—	1.00E+00	ug/L	—	—	10-2365	CAPA-10-13495	GELC
R-51	8991	914.96	10/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19	—	—	1.00E+00	ug/L	—	—	11-206	CAPA-10-27437	GELC
R-51	8991	914.96	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.7	—	—	1.00E+00	ug/L	—	—	10-3839	CAPA-10-24156	GELC
R-51	8991	914.96	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	26.2	—	—	1.00E+00	ug/L	—	—	10-3460	CAPA-10-19017	GELC
R-51	8991	914.96	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	25.9	—	—	1.00E+00	ug/L	—	—	10-2365	CAPA-10-13494	GELC
R-51	8991	914.96	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-3839	CAPA-10-24154	GELC
R-51	8991	914.96	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-3460	CAPA-10-19015	GELC
R-51	8991	914.96	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	7.24	—	—	2.00E+00	ug/L	J	J	10-2365	CAPA-10-13495	GELC
R-51	8991	914.96	10/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.5	—	—	2.00E+00	ug/L	J	J	11-206	CAPA-10-27437	GELC
R-51	8991	914.96	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-3839	CAPA-10-24156	GELC
R-51	8991	914.96	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-3460	CAPA-10-19017	GELC
R-51	8991	914.96	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	7.7	—	—	2.00E+00	ug/L	J	J	10-2365	CAPA-10-13494	GELC
R-51	8991	914.96	10/19/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.38	—	—	1.00E-01	ug/L	—	—	11-206	CAPA-10-27439	GELC
R-51	8991	914.96	07/26/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.31	—	—	1.00E-01	ug/L	—	—	10-3839	CAPA-10-24154	GELC
R-51	8991	914.96	06/18/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.28	—	—	1.00E-01	ug/L	—	—	10-3460	CAPA-10-19015	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-51	8991	914.96	03/08/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.44	—	—	1.00E-01	ug/L	—	—	10-2365	CAPA-10-13495	GELC
R-51	8991	914.96	10/19/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.46	—	—	1.00E-01	ug/L	—	—	11-206	CAPA-10-27437	GELC
R-51	8991	914.96	07/26/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.43	—	—	1.00E-01	ug/L	—	—	10-3839	CAPA-10-24156	GELC
R-51	8991	914.96	06/18/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.34	—	—	1.00E-01	ug/L	—	—	10-3460	CAPA-10-19017	GELC
R-51	8991	914.96	03/08/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.54	—	—	1.00E-01	ug/L	—	—	10-2365	CAPA-10-13494	GELC
R-51	8991	914.96	07/26/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.84	—	—	5.00E-01	ug/L	J	J	10-3839	CAPA-10-24154	GELC
R-51	8991	914.96	06/18/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	10-3460	CAPA-10-19015	GELC
R-51	8991	914.96	03/08/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	10-2365	CAPA-10-13495	GELC
R-51	8991	914.96	10/19/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.568	—	—	5.00E-01	ug/L	J	J	11-206	CAPA-10-27437	GELC
R-51	8991	914.96	07/26/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.598	—	—	5.00E-01	ug/L	J	J	10-3839	CAPA-10-24156	GELC
R-51	8991	914.96	06/18/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	10-3460	CAPA-10-19017	GELC
R-51	8991	914.96	03/08/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	10-2365	CAPA-10-13494	GELC
R-51	8991	914.96	10/19/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64.8	—	—	5.30E-02	mg/L	—	—	11-206	CAPA-10-27439	GELC
R-51	8991	914.96	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	65.8	—	—	5.30E-02	mg/L	—	—	10-3839	CAPA-10-24154	GELC
R-51	8991	914.96	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	69.6	—	—	5.30E-02	mg/L	—	—	10-3460	CAPA-10-19015	GELC
R-51	8991	914.96	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	69	—	—	5.30E-02	mg/L	—	—	10-2365	CAPA-10-13495	GELC
R-51	8991	914.96	10/19/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	53.3	—	—	1.00E+00	ug/L	—	—	11-206	CAPA-10-27439	GELC
R-51	8991	914.96	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	90.1	—	—	1.00E+00	ug/L	—	—	10-3839	CAPA-10-24154	GELC
R-51	8991	914.96	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	98.3	—	—	1.00E+00	ug/L	—	—	10-3460	CAPA-10-19015	GELC
R-51	8991	914.96	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	76.9	—	—	1.00E+00	ug/L	—	—	10-2365	CAPA-10-13495	GELC
R-51	8991	914.96	10/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	51.9	—	—	1.00E+00	ug/L	—	—	11-206	CAPA-10-27437	GELC
R-51	8991	914.96	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	100	—	—	1.00E+00	ug/L	—	—	10-3839	CAPA-10-24156	GELC
R-51	8991	914.96	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	101	—	—	1.00E+00	ug/L	—	—	10-3460	CAPA-10-19017	GELC
R-51	8991	914.96	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	83.2	—	—	1.00E+00	ug/L	—	—	10-2365	CAPA-10-13494	GELC
R-51	8991	914.96	10/19/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.327	—	—	5.00E-02	ug/L	—	—	11-206	CAPA-10-27439	GELC
R-51	8991	914.96	07/26/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.329	—	—	5.00E-02	ug/L	—	—	10-3839	CAPA-10-24154	GELC
R-51	8991	914.96	06/18/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.318	—	—	5.00E-02	ug/L	—	—	10-3460	CAPA-10-19015	GELC
R-51	8991	914.96	03/08/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.5	—	—	5.00E-02	ug/L	—	—	10-2365	CAPA-10-13495	GELC
R-51	8991	914.96	10/19/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.351	—	—	5.00E-02	ug/L	—	—	11-206	CAPA-10-27437	GELC
R-51	8991	914.96	07/26/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.348	—	—	5.00E-02	ug/L	—	—	10-3839	CAPA-10-24156	GELC
R-51	8991	914.96	06/18/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.302	—	—	5.00E-02	ug/L	—	—	10-3460	CAPA-10-19017	GELC
R-51	8991	914.96	03/08/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.515	—	—	5.00E-02	ug/L	—	—	10-2365	CAPA-10-13494	GELC
R-51	8991	914.96	10/19/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5	—	—	1.00E+00	ug/L	—	—	11-206	CAPA-10-27439	GELC
R-51	8991	914.96	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.56	—	—	1.00E+00	ug/L	—	—	10-3839	CAPA-10-24154	GELC
R-51	8991	914.96	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.6	—	—	1.00E+00	ug/L	—	—	10-3460	CAPA-10-19015	GELC
R-51	8991	914.96	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.33	—	—	1.00E+00	ug/L	—	—	10-2365	CAPA-10-13495	GELC
R-51	8991	914.96	10/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.36	—	—	1.00E+00	ug/L	—	—	11-206	CAPA-10-27437	GELC
R-51	8991	914.96	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.38	—	—	1.00E+00	ug/L	—	—	10-3839	CAPA-10-24156	GELC
R-51	8991	914.96	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.47	—	—	1.00E+00	ug/L	—	—	10-3460	CAPA-10-19017	GELC
R-51	8991	914.96	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.66	—	—	1.00E+00	ug/L	—	—	10-2365	CAPA-10-13494	GELC
R-51	8991	914.96	10/19/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.37	—	—	3.30E+00	ug/L	J	J	11-206	CAPA-10-27439	GELC
R-51	8991	914.96	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	20.1	—	—	3.30E+00	ug/L	—	—	10-3839	CAPA-10-24154	GELC
R-51	8991	914.96	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	32.4	—	—	3.30E+00	ug/L	—	—	10-3460	CAPA-10-19015	GELC
R-51	8991	914.96	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.17	—	—	3.30E+00	ug/L	J	J	10-2365	CAPA-10-13495	GELC
R-51	8991	914.96	10/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	9.88	—	—	3.30E+00	ug/L	J	J	11-206	CAPA-10-27437	GELC
R-51	8991	914.96	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	20.8	—	—	3.30E+00	ug/L	—	—	10-3839	CAPA-10-24156	GELC
R-51	8991	914.96	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	34	—	—	3.30E+00	ug/L	—	—	10-3460	CAPA-10-19017	GELC
R-51	8991	914.96	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-2365	CAPA-10-13494	GELC
R-51	8991	914.96	10/19/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00139	2.13E-03	3.70E-02	—	pCi/L	U	U	11-206	CAPA-10-27437	GELC
R-51	8991	914.96	07/26/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00155	9.33E-04	3.30E-02	—	pCi/L	U	U	10-3839	CAPA-10-24156	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-51	8991	914.96	06/18/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00181	1.27E-03	2.40E-02	—	pCi/L	U	U	10-3460	CAPA-10-19017	GELC
R-51	8991	914.96	03/08/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00166	1.10E-03	2.60E-02	—	pCi/L	U	U	10-2365	CAPA-10-13494	GELC
R-51	8991	914.96	10/19/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.321	4.67E-01	4.70E+00	—	pCi/L	U	U	11-206	CAPA-10-27437	GELC
R-51	8991	914.96	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.642	5.33E-01	5.10E+00	—	pCi/L	U	U	10-3839	CAPA-10-24156	GELC
R-51	8991	914.96	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.39	5.00E-01	5.20E+00	—	pCi/L	U	U	10-3460	CAPA-10-19017	GELC
R-51	8991	914.96	03/08/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.898	4.33E-01	4.40E+00	—	pCi/L	U	U	10-2365	CAPA-10-13494	GELC
R-51	8991	914.96	10/19/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.21	4.67E-01	4.20E+00	—	pCi/L	U	U	11-206	CAPA-10-27437	GELC
R-51	8991	914.96	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.25	4.67E-01	4.10E+00	—	pCi/L	U	U	10-3839	CAPA-10-24156	GELC
R-51	8991	914.96	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.557	4.33E-01	4.20E+00	—	pCi/L	U	U	10-3460	CAPA-10-19017	GELC
R-51	8991	914.96	03/08/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.55	3.00E-01	1.90E+00	—	pCi/L	U	U	10-2365	CAPA-10-13494	GELC
R-51	8991	914.96	10/19/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.0973	1.03E-01	1.30E+00	—	pCi/L	U	U	11-206	CAPA-10-27437	GELC
R-51	8991	914.96	07/26/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.00749	1.97E-01	2.60E+00	—	pCi/L	U	U	10-3839	CAPA-10-24156	GELC
R-51	8991	914.96	06/18/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.907	2.13E-01	2.10E+00	—	pCi/L	U	U	10-3460	CAPA-10-19017	GELC
R-51	8991	914.96	03/08/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.816	2.30E-01	2.40E+00	—	pCi/L	U	U	10-2365	CAPA-10-13494	GELC
R-51	8991	914.96	10/19/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.57	2.33E-01	2.10E+00	—	pCi/L	U	U	11-206	CAPA-10-27437	GELC
R-51	8991	914.96	07/26/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.97	3.23E-01	2.80E+00	—	pCi/L	—	—	10-3839	CAPA-10-24156	GELC
R-51	8991	914.96	06/18/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.6	3.23E-01	2.90E+00	—	pCi/L	U	U	10-3460	CAPA-10-19017	GELC
R-51	8991	914.96	03/08/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.79	2.83E-01	2.70E+00	—	pCi/L	U	U	10-2365	CAPA-10-13494	GELC
R-51	8991	914.96	10/19/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	29.6	4.67E+00	3.30E+01	—	pCi/L	U	U	11-206	CAPA-10-27437	GELC
R-51	8991	914.96	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	17.2	2.33E+00	9.90E+00	—	pCi/L	—	U	10-3839	CAPA-10-24156	GELC
R-51	8991	914.96	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	23.3	2.87E+00	3.70E+01	—	pCi/L	U	U	10-3460	CAPA-10-19017	GELC
R-51	8991	914.96	03/08/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	5.14	4.00E-01	5.90E+00	—	pCi/L	U	U	10-2365	CAPA-10-13494	GELC
R-51	8991	914.96	10/19/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.36	1.03E+00	1.10E+01	—	pCi/L	U	U	11-206	CAPA-10-27437	GELC
R-51	8991	914.96	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.2	1.10E+00	9.80E+00	—	pCi/L	U	U	10-3839	CAPA-10-24156	GELC
R-51	8991	914.96	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.45	9.67E-01	9.80E+00	—	pCi/L	U	U	10-3460	CAPA-10-19017	GELC
R-51	8991	914.96	03/08/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.89	2.87E+00	2.70E+01	—	pCi/L	U	U	10-2365	CAPA-10-13494	GELC
R-51	8991	914.96	10/19/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0121	2.53E-03	2.30E-02	—	pCi/L	U	U	11-206	CAPA-10-27437	GELC
R-51	8991	914.96	07/26/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00246	1.43E-03	3.30E-02	—	pCi/L	U	U	10-3839	CAPA-10-24156	GELC
R-51	8991	914.96	06/18/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0017	5.67E-04	2.60E-02	—	pCi/L	U	U	10-3460	CAPA-10-19017	GELC
R-51	8991	914.96	03/08/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0177	2.00E-03	3.40E-02	—	pCi/L	U	U	10-2365	CAPA-10-13494	GELC
R-51	8991	914.96	10/19/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-4.81E-10	1.33E-03	3.90E-02	—	pCi/L	U	U	11-206	CAPA-10-27437	GELC
R-51	8991	914.96	07/26/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0148	2.33E-03	3.30E-02	—	pCi/L	U	U	10-3839	CAPA-10-24156	GELC
R-51	8991	914.96	06/18/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0017	1.70E-03	2.40E-02	—	pCi/L	U	U	10-3460	CAPA-10-19017	GELC
R-51	8991	914.96	03/08/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00196	1.13E-03	2.40E-02	—	pCi/L	U	U	10-2365	CAPA-10-13494	GELC
R-51	8991	914.96	10/19/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	1.68	6.67E+00	7.10E+01	—	pCi/L	U	U	11-206	CAPA-10-27437	GELC
R-51	8991	914.96	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	10.3	6.67E+00	7.10E+01	—	pCi/L	U	U	10-3839	CAPA-10-24156	GELC
R-51	8991	914.96	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-23.5	7.33E+00	7.60E+01	—	pCi/L	U	U	10-3460	CAPA-10-19017	GELC
R-51	8991	914.96	03/08/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	18.1	6.00E+00	7.10E+01	—	pCi/L	U	U	10-2365	CAPA-10-13494	GELC
R-51	8991	914.96	10/19/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.169	5.00E-01	4.80E+00	—	pCi/L	U	U	11-206	CAPA-10-27437	GELC
R-51	8991	914.96	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.64	6.67E-01	5.40E+00	—	pCi/L	U	U	10-3839	CAPA-10-24156	GELC
R-51	8991	914.96	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.61	5.33E-01	5.80E+00	—	pCi/L	U	U	10-3460	CAPA-10-19017	GELC
R-51	8991	914.96	03/08/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.671	5.00E-01	5.00E+00	—	pCi/L	U	U	10-2365	CAPA-10-13494	GELC
R-51	8991	914.96	10/19/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.252	5.00E-02	4.90E-01	—	pCi/L	U	U	11-206	CAPA-10-27437	GELC
R-51	8991	914.96	07/26/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.326	5.00E-02	4.50E-01	—	pCi/L	U	U	10-3839	CAPA-10-24156	GELC
R-51	8991	914.96	06/18/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0309	4.33E-02	4.90E-01	—	pCi/L	U	U	10-3460	CAPA-10-19017	GELC
R-51	8991	914.96	03/08/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.171	5.00E-02	4.90E-01	—	pCi/L	U	U	10-2365	CAPA-10-13494	GELC
R-51	8991	914.96	10/19/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.252	1.07E-02	4.80E-02	—	pCi/L	—	—	11-206	CAPA-10-27437	GELC
R-51	8991	914.96	07/26/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.215	1.07E-02	9.90E-02	—	pCi/L	—	—	10-3839	CAPA-10-24156	GELC
R-51	8991	914.96	06/18/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.185	8.00E-03	4.00E-02	—	pCi/L	—	—	10-3460	CAPA-10-19017	GELC
R-51	8991	914.96	03/08/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.379	1.33E-02	4.10E-02	—	pCi/L	—	—	10-2365	CAPA-10-13494	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-51	8991	914.96	10/19/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0248	3.17E-03	3.70E-02	—	pCi/L	U	U	11-206	CAPA-10-27437	GELC
R-51	8991	914.96	07/26/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00848	2.00E-03	4.70E-02	—	pCi/L	U	U	10-3839	CAPA-10-24156	GELC
R-51	8991	914.96	06/18/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0225	3.03E-03	2.70E-02	—	pCi/L	U	U	10-3460	CAPA-10-19017	GELC
R-51	8991	914.96	03/08/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0115	1.93E-03	3.30E-02	—	pCi/L	U	U	10-2365	CAPA-10-13494	GELC
R-51	8991	914.96	10/19/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.132	7.33E-03	2.90E-02	—	pCi/L	—	—	11-206	CAPA-10-27437	GELC
R-51	8991	914.96	07/26/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.117	7.33E-03	6.00E-02	—	pCi/L	—	—	10-3839	CAPA-10-24156	GELC
R-51	8991	914.96	06/18/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0729	4.67E-03	3.00E-02	—	pCi/L	—	—	10-3460	CAPA-10-19017	GELC
R-51	8991	914.96	03/08/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.14	7.00E-03	2.90E-02	—	pCi/L	—	—	10-2365	CAPA-10-13494	GELC
R-51	9001	1030.96	10/19/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	120	—	—	7.30E-01	mg/L	—	—	11-206	CAPA-10-27441	GELC
R-51	9001	1030.96	07/26/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	64.3	—	—	7.30E-01	mg/L	—	—	10-3839	CAPA-10-24159	GELC
R-51	9001	1030.96	06/18/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	64.6	—	—	7.30E-01	mg/L	—	—	10-3460	CAPA-10-19019	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.5	—	—	7.30E-01	mg/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	10/19/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.027	—	—	1.60E-02	mg/L	J	J-	11-206	CAPA-10-27441	GELC
R-51	9001	1030.96	07/26/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.02	—	—	1.60E-02	mg/L	J	J-	10-3839	CAPA-10-24159	GELC
R-51	9001	1030.96	06/18/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.089	—	—	1.60E-02	mg/L	—	U	10-3460	CAPA-10-19019	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.026	—	—	1.60E-02	mg/L	J	U	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	10/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.5	—	—	5.00E-02	mg/L	—	—	11-206	CAPA-10-27441	GELC
R-51	9001	1030.96	07/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.5	—	—	5.00E-02	mg/L	N	J+	10-3839	CAPA-10-24159	GELC
R-51	9001	1030.96	06/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.1	—	—	5.00E-02	mg/L	—	—	10-3460	CAPA-10-19019	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11	—	—	5.00E-02	mg/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	10/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.9	—	—	5.00E-02	mg/L	—	—	11-206	CAPA-10-27440	GELC
R-51	9001	1030.96	07/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.4	—	—	5.00E-02	mg/L	N	J+	10-3839	CAPA-10-24158	GELC
R-51	9001	1030.96	06/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.1	—	—	5.00E-02	mg/L	—	—	10-3460	CAPA-10-19021	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.6	—	—	5.00E-02	mg/L	—	—	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	10/19/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.91	—	—	6.60E-02	mg/L	—	—	11-206	CAPA-10-27441	GELC
R-51	9001	1030.96	07/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.05	—	—	6.60E-02	mg/L	—	—	10-3839	CAPA-10-24159	GELC
R-51	9001	1030.96	06/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.14	—	—	6.60E-02	mg/L	—	—	10-3460	CAPA-10-19019	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.8	—	—	6.60E-02	mg/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	10/19/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.154	—	—	3.30E-02	mg/L	—	—	11-206	CAPA-10-27441	GELC
R-51	9001	1030.96	07/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.203	—	—	3.30E-02	mg/L	—	—	10-3839	CAPA-10-24159	GELC
R-51	9001	1030.96	06/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.207	—	—	3.30E-02	mg/L	—	—	10-3460	CAPA-10-19019	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.196	—	—	3.30E-02	mg/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	10/19/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.5	—	—	3.50E-01	mg/L	—	—	11-206	CAPA-10-27441	GELC
R-51	9001	1030.96	07/26/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.4	—	—	3.50E-01	mg/L	—	—	10-3839	CAPA-10-24159	GELC
R-51	9001	1030.96	06/18/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.5	—	—	3.50E-01	mg/L	—	—	10-3460	CAPA-10-19019	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.4	—	—	3.50E-01	mg/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	10/19/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.9	—	—	3.50E-01	mg/L	—	—	11-206	CAPA-10-27440	GELC
R-51	9001	1030.96	07/26/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.2	—	—	3.50E-01	mg/L	—	—	10-3839	CAPA-10-24158	GELC
R-51	9001	1030.96	06/18/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	36.4	—	—	3.50E-01	mg/L	—	—	10-3460	CAPA-10-19021	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.7	—	—	3.50E-01	mg/L	—	—	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	10/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.74	—	—	8.50E-02	mg/L	—	—	11-206	CAPA-10-27441	GELC
R-51	9001	1030.96	07/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.11	—	—	8.50E-02	mg/L	—	—	10-3839	CAPA-10-24159	GELC
R-51	9001	1030.96	06/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.74	—	—	8.50E-02	mg/L	—	—	10-3460	CAPA-10-19019	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.15	—	—	8.50E-02	mg/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	10/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.87	—	—	8.50E-02	mg/L	—	—	11-206	CAPA-10-27440	GELC
R-51	9001	1030.96	07/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.08	—	—	8.50E-02	mg/L	—	—	10-3839	CAPA-10-24158	GELC
R-51	9001	1030.96	06/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.71	—	—	8.50E-02	mg/L	—	—	10-3460	CAPA-10-19021	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.98	—	—	8.50E-02	mg/L	—	—	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	10/19/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.358	—	—	5.00E-02	mg/L	—	J	11-206	CAPA-10-27441	GELC
R-51	9001	1030.96	07/26/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.278	—	—	5.00E-02	mg/L	—	—	10-3839	CAPA-10-24159	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-51	9001	1030.96	06/18/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.283	—	—	5.00E-02	mg/L	—	—	10-3460	CAPA-10-19019	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.955	—	—	5.00E-02	mg/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	10/19/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.304	—	—	5.00E-02	ug/L	—	—	11-206	CAPA-10-27441	GELC
R-51	9001	1030.96	07/26/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.275	—	—	5.00E-02	ug/L	—	—	10-3839	CAPA-10-24159	GELC
R-51	9001	1030.96	06/18/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.286	—	—	5.00E-02	ug/L	—	—	10-3460	CAPA-10-19019	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.301	—	—	5.00E-02	ug/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	10/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.71	—	—	5.00E-02	mg/L	—	—	11-206	CAPA-10-27441	GELC
R-51	9001	1030.96	07/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.79	—	—	5.00E-02	mg/L	—	—	10-3839	CAPA-10-24159	GELC
R-51	9001	1030.96	06/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.71	—	—	5.00E-02	mg/L	—	—	10-3460	CAPA-10-19019	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.74	—	—	5.00E-02	mg/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	10/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.74	—	—	5.00E-02	mg/L	—	—	11-206	CAPA-10-27440	GELC
R-51	9001	1030.96	07/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.78	—	—	5.00E-02	mg/L	—	—	10-3839	CAPA-10-24158	GELC
R-51	9001	1030.96	06/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.68	—	—	5.00E-02	mg/L	—	—	10-3460	CAPA-10-19021	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.68	—	—	5.00E-02	mg/L	—	—	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	10/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.7	—	—	1.00E-01	mg/L	—	—	11-206	CAPA-10-27441	GELC
R-51	9001	1030.96	07/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.1	—	—	1.00E-01	mg/L	N	J+	10-3839	CAPA-10-24159	GELC
R-51	9001	1030.96	06/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.4	—	—	1.00E-01	mg/L	—	—	10-3460	CAPA-10-19019	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14	—	—	1.00E-01	mg/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	10/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15	—	—	1.00E-01	mg/L	—	—	11-206	CAPA-10-27440	GELC
R-51	9001	1030.96	07/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17	—	—	1.00E-01	mg/L	N	J+	10-3839	CAPA-10-24158	GELC
R-51	9001	1030.96	06/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.6	—	—	1.00E-01	mg/L	—	—	10-3460	CAPA-10-19021	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.8	—	—	1.00E-01	mg/L	—	—	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	10/19/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	150	—	—	1.00E+00	uS/cm	—	—	11-206	CAPA-10-27441	GELC
R-51	9001	1030.96	07/26/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	148	—	—	1.00E+00	uS/cm	—	—	10-3839	CAPA-10-24159	GELC
R-51	9001	1030.96	06/18/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	149	—	—	1.00E+00	uS/cm	—	—	10-3460	CAPA-10-19019	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	142	—	—	1.00E+00	uS/cm	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	10/19/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.96	—	—	1.00E-01	mg/L	—	—	11-206	CAPA-10-27441	GELC
R-51	9001	1030.96	07/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7	—	—	1.00E-01	mg/L	—	—	10-3839	CAPA-10-24159	GELC
R-51	9001	1030.96	06/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.64	—	—	1.00E-01	mg/L	—	—	10-3460	CAPA-10-19019	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.44	—	—	1.00E-01	mg/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	10/19/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	142	—	—	2.40E+00	mg/L	—	—	11-206	CAPA-10-27441	GELC
R-51	9001	1030.96	07/26/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	139	—	—	2.40E+00	mg/L	—	—	10-3839	CAPA-10-24159	GELC
R-51	9001	1030.96	06/18/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	151	—	—	2.40E+00	mg/L	—	J	10-3460	CAPA-10-19019	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	153	—	—	2.40E+00	mg/L	—	J	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	10/19/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.608	—	—	3.30E-01	mg/L	J	J	11-205	CAPA-10-27440	GELC
R-51	9001	1030.96	07/26/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.601	—	—	3.30E-01	mg/L	J	J	10-3838	CAPA-10-24158	GELC
R-51	9001	1030.96	06/18/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.696	—	—	3.30E-01	mg/L	J	J	10-3459	CAPA-10-19021	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.953	—	—	3.30E-01	mg/L	J	J	10-2005	CAPA-10-13498	GELC
R-51	9001	1030.96	10/19/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.23	—	—	1.00E-02	SU	H	J-	11-206	CAPA-10-27441	GELC
R-51	9001	1030.96	07/26/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.21	—	—	1.00E-02	SU	H	J-	10-3839	CAPA-10-24159	GELC
R-51	9001	1030.96	06/18/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.06	—	—	1.00E-02	SU	H	J-	10-3460	CAPA-10-19019	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.02	—	—	1.00E-02	SU	H	J-	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	10/19/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.41	—	—	1.50E+00	ug/L	J	J	11-206	CAPA-10-27441	GELC
R-51	9001	1030.96	07/26/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-3839	CAPA-10-24159	GELC
R-51	9001	1030.96	06/18/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-3460	CAPA-10-19019	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	10/19/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	4.18	—	—	1.50E+00	ug/L	J	J	11-206	CAPA-10-27440	GELC
R-51	9001	1030.96	07/26/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-3839	CAPA-10-24158	GELC
R-51	9001	1030.96	06/18/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-3460	CAPA-10-19021	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-2006	CAPA-10-13498	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-51	9001	1030.96	10/19/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	19.2	—	—	1.00E+00	ug/L	—	—	11-206	CAPA-10-27441	GELC
R-51	9001	1030.96	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	20.2	—	—	1.00E+00	ug/L	—	—	10-3839	CAPA-10-24159	GELC
R-51	9001	1030.96	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	18.5	—	—	1.00E+00	ug/L	—	—	10-3460	CAPA-10-19019	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	24.2	—	—	1.00E+00	ug/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	10/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19.9	—	—	1.00E+00	ug/L	—	—	11-206	CAPA-10-27440	GELC
R-51	9001	1030.96	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	20.7	—	—	1.00E+00	ug/L	—	—	10-3839	CAPA-10-24158	GELC
R-51	9001	1030.96	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	18.7	—	—	1.00E+00	ug/L	—	—	10-3460	CAPA-10-19021	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	26.5	—	—	1.00E+00	ug/L	—	—	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.26	—	—	2.00E+00	ug/L	J	J	10-3839	CAPA-10-24159	GELC
R-51	9001	1030.96	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.95	—	—	2.00E+00	ug/L	J	J	10-3460	CAPA-10-19019	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	12.2	—	—	2.00E+00	ug/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	10/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.15	—	—	2.00E+00	ug/L	J	J	11-206	CAPA-10-27440	GELC
R-51	9001	1030.96	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.3	—	—	2.00E+00	ug/L	J	J	10-3839	CAPA-10-24158	GELC
R-51	9001	1030.96	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.38	—	—	2.00E+00	ug/L	J	J	10-3460	CAPA-10-19021	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	18.3	—	—	2.00E+00	ug/L	—	—	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	10/19/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.34	—	—	1.00E-01	ug/L	—	—	11-206	CAPA-10-27441	GELC
R-51	9001	1030.96	07/26/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.39	—	—	1.00E-01	ug/L	—	—	10-3839	CAPA-10-24159	GELC
R-51	9001	1030.96	06/18/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.31	—	—	1.00E-01	ug/L	—	—	10-3460	CAPA-10-19019	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.03	—	—	1.00E-01	ug/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	10/19/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.39	—	—	1.00E-01	ug/L	—	—	11-206	CAPA-10-27440	GELC
R-51	9001	1030.96	07/26/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.37	—	—	1.00E-01	ug/L	—	—	10-3839	CAPA-10-24158	GELC
R-51	9001	1030.96	06/18/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.38	—	—	1.00E-01	ug/L	—	—	10-3460	CAPA-10-19021	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.08	—	—	1.00E-01	ug/L	—	—	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	07/26/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.861	—	—	5.00E-01	ug/L	J	J	10-3839	CAPA-10-24159	GELC
R-51	9001	1030.96	06/18/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.514	—	—	5.00E-01	ug/L	J	J	10-3460	CAPA-10-19019	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.554	—	—	5.00E-01	ug/L	J	J	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	10/19/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.616	—	—	5.00E-01	ug/L	J	J	11-206	CAPA-10-27440	GELC
R-51	9001	1030.96	07/26/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.901	—	—	5.00E-01	ug/L	J	J	10-3839	CAPA-10-24158	GELC
R-51	9001	1030.96	06/18/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.611	—	—	5.00E-01	ug/L	J	J	10-3460	CAPA-10-19021	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.741	—	—	5.00E-01	ug/L	J	J	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	10/19/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64.8	—	—	5.30E-02	mg/L	—	—	11-206	CAPA-10-27441	GELC
R-51	9001	1030.96	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	73.6	—	—	5.30E-02	mg/L	—	—	10-3839	CAPA-10-24159	GELC
R-51	9001	1030.96	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70.5	—	—	5.30E-02	mg/L	—	—	10-3460	CAPA-10-19019	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	72.3	—	—	5.30E-02	mg/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	10/19/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	52.8	—	—	1.00E+00	ug/L	—	—	11-206	CAPA-10-27441	GELC
R-51	9001	1030.96	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	57.9	—	—	1.00E+00	ug/L	—	—	10-3839	CAPA-10-24159	GELC
R-51	9001	1030.96	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	55.9	—	—	1.00E+00	ug/L	—	—	10-3460	CAPA-10-19019	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	52.5	—	—	1.00E+00	ug/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	10/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	54.7	—	—	1.00E+00	ug/L	—	—	11-206	CAPA-10-27440	GELC
R-51	9001	1030.96	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	57.7	—	—	1.00E+00	ug/L	—	—	10-3839	CAPA-10-24158	GELC
R-51	9001	1030.96	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	56.3	—	—	1.00E+00	ug/L	—	—	10-3460	CAPA-10-19021	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	50	—	—	1.00E+00	ug/L	—	—	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	10/19/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.333	—	—	5.00E-02	ug/L	—	—	11-206	CAPA-10-27441	GELC
R-51	9001	1030.96	07/26/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.385	—	—	5.00E-02	ug/L	—	—	10-3839	CAPA-10-24159	GELC
R-51	9001	1030.96	06/18/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.371	—	—	5.00E-02	ug/L	—	—	10-3460	CAPA-10-19019	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.551	—	—	5.00E-02	ug/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	10/19/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.469	—	—	5.00E-02	ug/L	—	—	11-206	CAPA-10-27440	GELC
R-51	9001	1030.96	07/26/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.388	—	—	5.00E-02	ug/L	—	—	10-3839	CAPA-10-24158	GELC
R-51	9001	1030.96	06/18/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.374	—	—	5.00E-02	ug/L	—	—	10-3460	CAPA-10-19021	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.602	—	—	5.00E-02	ug/L	—	—	10-2006	CAPA-10-13498	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-51	9001	1030.96	10/19/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.54	—	—	1.00E+00	ug/L	—	—	11-206	CAPA-10-27441	GELC
R-51	9001	1030.96	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.21	—	—	1.00E+00	ug/L	—	—	10-3839	CAPA-10-24159	GELC
R-51	9001	1030.96	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.88	—	—	1.00E+00	ug/L	J	J	10-3460	CAPA-10-19019	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.53	—	—	1.00E+00	ug/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	10/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.9	—	—	1.00E+00	ug/L	—	—	11-206	CAPA-10-27440	GELC
R-51	9001	1030.96	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.68	—	—	1.00E+00	ug/L	—	—	10-3839	CAPA-10-24158	GELC
R-51	9001	1030.96	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.13	—	—	1.00E+00	ug/L	—	—	10-3460	CAPA-10-19021	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.97	—	—	1.00E+00	ug/L	—	—	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	10/19/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	8.73	—	—	3.30E+00	ug/L	J	J	11-206	CAPA-10-27441	GELC
R-51	9001	1030.96	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	7.14	—	—	3.30E+00	ug/L	J	J	10-3839	CAPA-10-24159	GELC
R-51	9001	1030.96	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	13.8	—	—	3.30E+00	ug/L	—	U	10-3460	CAPA-10-19019	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.93	—	—	3.30E+00	ug/L	J	J	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	10/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.87	—	—	3.30E+00	ug/L	J	J	11-206	CAPA-10-27440	GELC
R-51	9001	1030.96	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	12.5	—	—	3.30E+00	ug/L	—	—	10-3839	CAPA-10-24158	GELC
R-51	9001	1030.96	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	15.2	—	—	3.30E+00	ug/L	—	U	10-3460	CAPA-10-19021	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.33	—	—	3.30E+00	ug/L	J	J	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	10/19/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0122	1.57E-03	3.50E-02	—	pCi/L	U	U	11-206	CAPA-10-27440	GELC
R-51	9001	1030.96	07/26/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0104	1.77E-03	4.50E-02	—	pCi/L	U	U	10-3839	CAPA-10-24158	GELC
R-51	9001	1030.96	06/18/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0101	1.27E-03	2.40E-02	—	pCi/L	U	U	10-3460	CAPA-10-19021	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00285	7.67E-04	3.00E-02	—	pCi/L	U	U	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	-25.6	2.03E+00	1.80E+01	—	pCi/L	U	U	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	10/19/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.49	4.33E-01	3.50E+00	—	pCi/L	U	U	11-206	CAPA-10-27440	GELC
R-51	9001	1030.96	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.894	7.67E-01	6.60E+00	—	pCi/L	U	U	10-3839	CAPA-10-24158	GELC
R-51	9001	1030.96	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-4.95	7.67E-01	7.80E+00	—	pCi/L	U	U	10-3460	CAPA-10-19021	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.115	3.67E-01	3.40E+00	—	pCi/L	U	U	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	10/19/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.83	5.33E-01	5.90E+00	—	pCi/L	U	U	11-206	CAPA-10-27440	GELC
R-51	9001	1030.96	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.11	5.67E-01	6.20E+00	—	pCi/L	U	U	10-3839	CAPA-10-24158	GELC
R-51	9001	1030.96	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.722	5.67E-01	5.40E+00	—	pCi/L	U	U	10-3460	CAPA-10-19021	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.137	3.67E-01	3.70E+00	—	pCi/L	U	U	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	10/19/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.28	1.00E-01	1.10E+00	—	pCi/L	U	U	11-206	CAPA-10-27440	GELC
R-51	9001	1030.96	07/26/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.97	3.20E-01	2.50E+00	—	pCi/L	U	U	10-3839	CAPA-10-24158	GELC
R-51	9001	1030.96	06/18/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.551	1.83E-01	2.00E+00	—	pCi/L	U	U	10-3460	CAPA-10-19021	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.43	2.40E-01	1.90E+00	—	pCi/L	U	U	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	10/19/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.439	1.97E-01	2.10E+00	—	pCi/L	U	U	11-206	CAPA-10-27440	GELC
R-51	9001	1030.96	07/26/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.45	3.33E-01	2.80E+00	—	pCi/L	—	—	10-3839	CAPA-10-24158	GELC
R-51	9001	1030.96	06/18/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	-0.155	1.63E-01	2.00E+00	—	pCi/L	U	U	10-3460	CAPA-10-19021	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.47	2.93E-01	2.40E+00	—	pCi/L	—	—	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	10/19/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	29.9	5.00E+00	4.80E+01	—	pCi/L	U	U	11-206	CAPA-10-27440	GELC
R-51	9001	1030.96	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	18.6	2.27E+00	1.70E+01	—	pCi/L	—	U	10-3839	CAPA-10-24158	GELC
R-51	9001	1030.96	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	55.6	5.00E+00	4.50E+01	—	pCi/L	—	—	10-3460	CAPA-10-19021	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	32.8	3.13E+00	2.60E+01	—	pCi/L	—	—	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	10/19/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.81	1.03E+00	1.00E+01	—	pCi/L	U	U	11-206	CAPA-10-27440	GELC
R-51	9001	1030.96	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.54	8.00E-01	7.90E+00	—	pCi/L	U	U	10-3839	CAPA-10-24158	GELC
R-51	9001	1030.96	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.46	9.67E-01	9.40E+00	—	pCi/L	U	U	10-3460	CAPA-10-19021	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.23	2.73E+00	2.70E+01	—	pCi/L	U	U	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	10/19/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00436	1.47E-03	2.50E-02	—	pCi/L	U	U	11-206	CAPA-10-27440	GELC
R-51	9001	1030.96	07/26/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0022	1.93E-03	2.90E-02	—	pCi/L	U	U	10-3839	CAPA-10-24158	GELC
R-51	9001	1030.96	06/18/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00193	1.43E-03	2.90E-02	—	pCi/L	U	U	10-3460	CAPA-10-19021	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	9.00E-04	4.40E-02	—	pCi/L	U	U	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	10/19/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00436	1.03E-03	4.30E-02	—	pCi/L	U	U	11-206	CAPA-10-27440	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-51	9001	1030.96	07/26/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00441	3.30E-03	3.00E-02	—	pCi/L	U	U	10-3839	CAPA-10-24158	GELC
R-51	9001	1030.96	06/18/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-9.18E-10	1.57E-03	2.70E-02	—	pCi/L	U	U	10-3460	CAPA-10-19021	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00348	1.43E-03	3.10E-02	—	pCi/L	U	U	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	10/19/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-25.6	7.00E+00	5.90E+01	—	pCi/L	U	U	11-206	CAPA-10-27440	GELC
R-51	9001	1030.96	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	14.2	7.33E+00	7.70E+01	—	pCi/L	U	U	10-3839	CAPA-10-24158	GELC
R-51	9001	1030.96	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-23	6.67E+00	6.20E+01	—	pCi/L	U	U	10-3460	CAPA-10-19021	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-10	4.67E+00	4.30E+01	—	pCi/L	U	U	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	10/19/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.617	5.67E-01	5.30E+00	—	pCi/L	U	U	11-206	CAPA-10-27440	GELC
R-51	9001	1030.96	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	5.85	6.00E-01	7.90E+00	—	pCi/L	U	U	10-3839	CAPA-10-24158	GELC
R-51	9001	1030.96	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.28	6.00E-01	5.00E+00	—	pCi/L	U	U	10-3460	CAPA-10-19021	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.983	4.00E-01	3.70E+00	—	pCi/L	U	U	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	10/19/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.309	5.00E-02	4.60E-01	—	pCi/L	U	U	11-206	CAPA-10-27440	GELC
R-51	9001	1030.96	07/26/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.00424	4.00E-02	4.70E-01	—	pCi/L	U	U	10-3839	CAPA-10-24158	GELC
R-51	9001	1030.96	06/18/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.352	5.00E-02	4.90E-01	—	pCi/L	U	U	10-3460	CAPA-10-19021	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0618	4.33E-02	4.70E-01	—	pCi/L	U	U	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	10/19/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.246	1.17E-02	5.90E-02	—	pCi/L	—	—	11-206	CAPA-10-27440	GELC
R-51	9001	1030.96	07/26/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.23	1.13E-02	1.00E-01	—	pCi/L	—	—	10-3839	CAPA-10-24158	GELC
R-51	9001	1030.96	06/18/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.281	1.00E-02	4.10E-02	—	pCi/L	—	—	10-3460	CAPA-10-19021	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.392	1.30E-02	3.50E-02	—	pCi/L	—	—	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	10/19/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0258	3.67E-03	4.50E-02	—	pCi/L	U	U	11-206	CAPA-10-27440	GELC
R-51	9001	1030.96	07/26/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00855	2.03E-03	4.70E-02	—	pCi/L	U	U	10-3839	CAPA-10-24158	GELC
R-51	9001	1030.96	06/18/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00462	2.17E-03	2.80E-02	—	pCi/L	U	U	10-3460	CAPA-10-19021	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0171	2.20E-03	2.80E-02	—	pCi/L	U	U	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	10/19/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.125	7.67E-03	3.60E-02	—	pCi/L	—	—	11-206	CAPA-10-27440	GELC
R-51	9001	1030.96	07/26/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.128	8.00E-03	6.10E-02	—	pCi/L	—	—	10-3839	CAPA-10-24158	GELC
R-51	9001	1030.96	06/18/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0953	5.33E-03	3.10E-02	—	pCi/L	—	—	10-3460	CAPA-10-19021	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.274	1.00E-02	2.50E-02	—	pCi/L	—	—	10-2006	CAPA-10-13498	GELC
R-52	9061	1035.2	10/12/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	17.7	—	—	7.30E-01	mg/L	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	1035.2	08/05/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	<	1	—	—	7.30E-01	mg/L	U	U	10-4009	CAPA-10-24166	GELC
R-52	9061	1035.2	05/02/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	<	1	—	—	7.30E-01	mg/L	U	U	10-2998	CAPA-10-16634	GELC
R-52	9061	1035.2	10/12/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	65.6	—	—	7.30E-01	mg/L	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	1035.2	08/05/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	64	—	—	7.30E-01	mg/L	—	—	10-4009	CAPA-10-24166	GELC
R-52	9061	1035.2	05/02/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.6	—	—	7.30E-01	mg/L	—	—	10-2998	CAPA-10-16634	GELC
R-52	9061	1035.2	10/12/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.027	—	—	1.60E-02	mg/L	J	J-	11-128	CAPA-10-27450	GELC
R-52	9061	1035.2	08/05/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.45	—	—	1.60E-02	mg/L	—	J-	10-4009	CAPA-10-24166	GELC
R-52	9061	1035.2	05/02/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.042	—	—	1.60E-02	mg/L	J	J	10-2998	CAPA-10-16634	GELC
R-52	9061	1035.2	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.4	—	—	5.00E-02	mg/L	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	1035.2	08/05/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.2	—	—	5.00E-02	mg/L	—	—	10-4009	CAPA-10-24166	GELC
R-52	9061	1035.2	05/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.7	—	—	5.00E-02	mg/L	—	—	10-2998	CAPA-10-16634	GELC
R-52	9061	1035.2	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.6	—	—	5.00E-02	mg/L	—	—	11-128	CAPA-10-27451	GELC
R-52	9061	1035.2	08/05/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.9	—	—	5.00E-02	mg/L	—	—	10-4009	CAPA-10-24167	GELC
R-52	9061	1035.2	05/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12	—	—	5.00E-02	mg/L	—	—	10-2998	CAPA-10-16633	GELC
R-52	9061	1035.2	10/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.5	—	—	6.60E-02	mg/L	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	1035.2	08/05/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.51	—	—	6.60E-02	mg/L	—	—	10-4009	CAPA-10-24166	GELC
R-52	9061	1035.2	05/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.53	—	—	6.60E-02	mg/L	—	—	10-2998	CAPA-10-16634	GELC
R-52	9061	1035.2	10/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.249	—	—	3.30E-02	mg/L	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	1035.2	08/05/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.251	—	—	3.30E-02	mg/L	—	—	10-4009	CAPA-10-24166	GELC
R-52	9061	1035.2	05/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.286	—	—	3.30E-02	mg/L	—	—	10-2998	CAPA-10-16634	GELC
R-52	9061	1035.2	10/12/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	48.5	—	—	3.50E-01	mg/L	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	1035.2	08/05/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	43.1	—	—	3.50E-01	mg/L	—	—	10-4009	CAPA-10-24166	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-52	9061	1035.2	05/02/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.1	—	—	3.50E-01	mg/L	—	—	10-2998	CAPA-10-16634	GELC
R-52	9061	1035.2	10/12/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	49.1	—	—	3.50E-01	mg/L	—	—	11-128	CAPA-10-27451	GELC
R-52	9061	1035.2	08/05/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	45.4	—	—	3.50E-01	mg/L	—	—	10-4009	CAPA-10-24167	GELC
R-52	9061	1035.2	05/02/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.4	—	—	3.50E-01	mg/L	—	—	10-2998	CAPA-10-16633	GELC
R-52	9061	1035.2	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.04	—	—	8.50E-02	mg/L	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	1035.2	08/05/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.05	—	—	8.50E-02	mg/L	—	—	10-4009	CAPA-10-24166	GELC
R-52	9061	1035.2	05/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.9	—	—	8.50E-02	mg/L	—	—	10-2998	CAPA-10-16634	GELC
R-52	9061	1035.2	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.07	—	—	8.50E-02	mg/L	—	—	11-128	CAPA-10-27451	GELC
R-52	9061	1035.2	08/05/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.23	—	—	8.50E-02	mg/L	—	—	10-4009	CAPA-10-24167	GELC
R-52	9061	1035.2	05/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.52	—	—	8.50E-02	mg/L	—	—	10-2998	CAPA-10-16633	GELC
R-52	9061	1035.2	10/12/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.62	—	—	5.00E-02	mg/L	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	1035.2	08/05/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.695	—	—	5.00E-02	mg/L	—	—	10-4009	CAPA-10-24166	GELC
R-52	9061	1035.2	05/02/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.63	—	—	5.00E-02	mg/L	—	—	10-2998	CAPA-10-16634	GELC
R-52	9061	1035.2	10/12/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.404	—	—	5.00E-02	ug/L	—	J+	11-128	CAPA-10-27450	GELC
R-52	9061	1035.2	08/05/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.441	—	—	5.00E-02	ug/L	—	—	10-4009	CAPA-10-24166	GELC
R-52	9061	1035.2	05/02/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.365	—	—	5.00E-02	ug/L	—	—	10-2998	CAPA-10-16634	GELC
R-52	9061	1035.2	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.9	—	—	5.00E-02	mg/L	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	1035.2	08/05/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.88	—	—	5.00E-02	mg/L	—	J	10-4009	CAPA-10-24166	GELC
R-52	9061	1035.2	05/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.81	—	—	5.00E-02	mg/L	—	—	10-2998	CAPA-10-16634	GELC
R-52	9061	1035.2	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.91	—	—	5.00E-02	mg/L	—	—	11-128	CAPA-10-27451	GELC
R-52	9061	1035.2	08/05/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.95	—	—	5.00E-02	mg/L	—	J	10-4009	CAPA-10-24167	GELC
R-52	9061	1035.2	05/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.86	—	—	5.00E-02	mg/L	—	—	10-2998	CAPA-10-16633	GELC
R-52	9061	1035.2	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.6	—	—	1.00E-01	mg/L	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	1035.2	08/05/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.2	—	—	1.00E-01	mg/L	—	—	10-4009	CAPA-10-24166	GELC
R-52	9061	1035.2	05/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.2	—	—	1.00E-01	mg/L	—	—	10-2998	CAPA-10-16634	GELC
R-52	9061	1035.2	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.9	—	—	1.00E-01	mg/L	—	—	11-128	CAPA-10-27451	GELC
R-52	9061	1035.2	08/05/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.9	—	—	1.00E-01	mg/L	—	—	10-4009	CAPA-10-24167	GELC
R-52	9061	1035.2	05/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.4	—	—	1.00E-01	mg/L	—	—	10-2998	CAPA-10-16633	GELC
R-52	9061	1035.2	10/12/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	157	—	—	1.00E+00	uS/cm	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	1035.2	08/05/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	143	—	—	1.00E+00	uS/cm	—	—	10-4009	CAPA-10-24166	GELC
R-52	9061	1035.2	05/02/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	144	—	—	1.00E+00	uS/cm	—	—	10-2998	CAPA-10-16634	GELC
R-52	9061	1035.2	10/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.52	—	—	1.00E-01	mg/L	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	1035.2	08/05/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.75	—	—	1.00E-01	mg/L	—	—	10-4009	CAPA-10-24166	GELC
R-52	9061	1035.2	05/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.51	—	—	1.00E-01	mg/L	—	—	10-2998	CAPA-10-16634	GELC
R-52	9061	1035.2	10/12/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	2.40E+00	mg/L	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	1035.2	08/05/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	146	—	—	2.40E+00	mg/L	—	—	10-4009	CAPA-10-24166	GELC
R-52	9061	1035.2	05/02/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	2.40E+00	mg/L	H	J-	10-2998	CAPA-10-16634	GELC
R-52	9061	1035.2	10/12/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.52	—	—	3.30E-01	mg/L	—	—	11-127	CAPA-10-27451	GELC
R-52	9061	1035.2	08/05/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.811	—	—	3.30E-01	mg/L	J	J	10-4008	CAPA-10-24167	GELC
R-52	9061	1035.2	05/02/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.435	—	—	3.30E-01	mg/L	J	J	10-2997	CAPA-10-16633	GELC
R-52	9061	1035.2	10/12/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.46	—	—	1.00E-02	SU	H	J-	11-128	CAPA-10-27450	GELC
R-52	9061	1035.2	08/05/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.04	—	—	1.00E-02	SU	H	J-	10-4009	CAPA-10-24166	GELC
R-52	9061	1035.2	05/02/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.05	—	—	1.00E-02	SU	H	J-	10-2998	CAPA-10-16634	GELC
R-52	9061	1035.2	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	30.2	—	—	1.00E+00	ug/L	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	1035.2	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	27.5	—	—	1.00E+00	ug/L	—	—	10-4009	CAPA-10-24166	GELC
R-52	9061	1035.2	05/02/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	26.5	—	—	1.00E+00	ug/L	—	—	10-2998	CAPA-10-16634	GELC
R-52	9061	1035.2	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	30.8	—	—	1.00E+00	ug/L	—	—	11-128	CAPA-10-27451	GELC
R-52	9061	1035.2	08/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28.9	—	—	1.00E+00	ug/L	—	—	10-4009	CAPA-10-24167	GELC
R-52	9061	1035.2	05/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	31.8	—	—	1.00E+00	ug/L	—	—	10-2998	CAPA-10-16633	GELC
R-52	9061	1035.2	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.54	—	—	2.50E+00	ug/L	J	J	11-128	CAPA-10-27450	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-52	9061	1035.2	08/05/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.21	—	—	2.50E+00	ug/L	J	J	10-4009	CAPA-10-24166	GELC
R-52	9061	1035.2	05/02/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.82	—	—	2.50E+00	ug/L	J	J	10-2998	CAPA-10-16634	GELC
R-52	9061	1035.2	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.63	—	—	2.50E+00	ug/L	J	J	11-128	CAPA-10-27451	GELC
R-52	9061	1035.2	08/05/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.72	—	—	2.50E+00	ug/L	J	J	10-4009	CAPA-10-24167	GELC
R-52	9061	1035.2	05/02/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.9	—	—	2.50E+00	ug/L	J	J	10-2998	CAPA-10-16633	GELC
R-52	9061	1035.2	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	1.03	—	—	1.00E+00	ug/L	J	J	11-128	CAPA-10-27450	GELC
R-52	9061	1035.2	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	10-4009	CAPA-10-24166	GELC
R-52	9061	1035.2	05/02/10	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	10-2998	CAPA-10-16634	GELC
R-52	9061	1035.2	08/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	10-4009	CAPA-10-24167	GELC
R-52	9061	1035.2	05/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	10-2998	CAPA-10-16633	GELC
R-52	9061	1035.2	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-4009	CAPA-10-24166	GELC
R-52	9061	1035.2	05/02/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-2998	CAPA-10-16634	GELC
R-52	9061	1035.2	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	33.4	—	—	3.00E+01	ug/L	J	J	11-128	CAPA-10-27451	GELC
R-52	9061	1035.2	08/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	64.1	—	—	3.00E+01	ug/L	J	J	10-4009	CAPA-10-24167	GELC
R-52	9061	1035.2	05/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1320	—	—	3.00E+01	ug/L	—	—	10-2998	CAPA-10-16633	GELC
R-52	9061	1035.2	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.7	—	—	2.00E+00	ug/L	J	J	11-128	CAPA-10-27450	GELC
R-52	9061	1035.2	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-4009	CAPA-10-24166	GELC
R-52	9061	1035.2	05/02/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.18	—	—	2.00E+00	ug/L	J	J	10-2998	CAPA-10-16634	GELC
R-52	9061	1035.2	08/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-4009	CAPA-10-24167	GELC
R-52	9061	1035.2	05/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	13.4	—	—	2.00E+00	ug/L	—	—	10-2998	CAPA-10-16633	GELC
R-52	9061	1035.2	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.83	—	—	1.00E-01	ug/L	—	J	11-128	CAPA-10-27450	GELC
R-52	9061	1035.2	08/05/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.48	—	—	1.00E-01	ug/L	—	—	10-4009	CAPA-10-24166	GELC
R-52	9061	1035.2	05/02/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.52	—	—	1.00E-01	ug/L	—	—	10-2998	CAPA-10-16634	GELC
R-52	9061	1035.2	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.79	—	—	1.00E-01	ug/L	—	J	11-128	CAPA-10-27451	GELC
R-52	9061	1035.2	08/05/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.54	—	—	1.00E-01	ug/L	—	—	10-4009	CAPA-10-24167	GELC
R-52	9061	1035.2	05/02/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.37	—	—	1.00E-01	ug/L	—	—	10-2998	CAPA-10-16633	GELC
R-52	9061	1035.2	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.796	—	—	5.00E-01	ug/L	J	J	11-128	CAPA-10-27450	GELC
R-52	9061	1035.2	08/05/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.648	—	—	5.00E-01	ug/L	J	J	10-4009	CAPA-10-24166	GELC
R-52	9061	1035.2	05/02/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	10-2998	CAPA-10-16634	GELC
R-52	9061	1035.2	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.859	—	—	5.00E-01	ug/L	J	J	11-128	CAPA-10-27451	GELC
R-52	9061	1035.2	08/05/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.592	—	—	5.00E-01	ug/L	J	J	10-4009	CAPA-10-24167	GELC
R-52	9061	1035.2	05/02/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.632	—	—	5.00E-01	ug/L	J	J	10-2998	CAPA-10-16633	GELC
R-52	9061	1035.2	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	62.3	—	—	5.30E-02	mg/L	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	1035.2	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.8	—	—	5.30E-02	mg/L	—	—	10-4009	CAPA-10-24166	GELC
R-52	9061	1035.2	05/02/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	76	—	—	5.30E-02	mg/L	—	—	10-2998	CAPA-10-16634	GELC
R-52	9061	1035.2	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	67.2	—	—	1.00E+00	ug/L	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	1035.2	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	57	—	—	1.00E+00	ug/L	—	—	10-4009	CAPA-10-24166	GELC
R-52	9061	1035.2	05/02/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	55.7	—	—	1.00E+00	ug/L	—	—	10-2998	CAPA-10-16634	GELC
R-52	9061	1035.2	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	68.6	—	—	1.00E+00	ug/L	—	—	11-128	CAPA-10-27451	GELC
R-52	9061	1035.2	08/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	59.9	—	—	1.00E+00	ug/L	—	—	10-4009	CAPA-10-24167	GELC
R-52	9061	1035.2	05/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	58.1	—	—	1.00E+00	ug/L	—	—	10-2998	CAPA-10-16633	GELC
R-52	9061	1035.2	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.719	—	—	5.00E-02	ug/L	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	1035.2	08/05/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.454	—	—	5.00E-02	ug/L	—	—	10-4009	CAPA-10-24166	GELC
R-52	9061	1035.2	05/02/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.394	—	—	5.00E-02	ug/L	—	—	10-2998	CAPA-10-16634	GELC
R-52	9061	1035.2	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.706	—	—	5.00E-02	ug/L	—	—	11-128	CAPA-10-27451	GELC
R-52	9061	1035.2	08/05/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.47	—	—	5.00E-02	ug/L	—	—	10-4009	CAPA-10-24167	GELC
R-52	9061	1035.2	05/02/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.59	—	—	5.00E-02	ug/L	—	—	10-2998	CAPA-10-16633	GELC
R-52	9061	1035.2	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.45	—	—	1.00E+00	ug/L	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	1035.2	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.57	—	—	1.00E+00	ug/L	—	—	10-4009	CAPA-10-24166	GELC
R-52	9061	1035.2	05/02/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.54	—	—	1.00E+00	ug/L	—	—	10-2998	CAPA-10-16634	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-52	9061	1035.2	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.74	—	—	1.00E+00	ug/L	—	—	11-128	CAPA-10-27451	GELC
R-52	9061	1035.2	08/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.71	—	—	1.00E+00	ug/L	—	—	10-4009	CAPA-10-24167	GELC
R-52	9061	1035.2	05/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.88	—	—	1.00E+00	ug/L	—	—	10-2998	CAPA-10-16633	GELC
R-52	9061	1035.2	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	10.7	—	—	3.30E+00	ug/L	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	1035.2	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	40.6	—	—	3.30E+00	ug/L	—	—	10-4009	CAPA-10-24166	GELC
R-52	9061	1035.2	05/02/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.58	—	—	3.30E+00	ug/L	J	J	10-2998	CAPA-10-16634	GELC
R-52	9061	1035.2	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	17.4	—	—	3.30E+00	ug/L	—	—	11-128	CAPA-10-27451	GELC
R-52	9061	1035.2	08/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	47	—	—	3.30E+00	ug/L	—	—	10-4009	CAPA-10-24167	GELC
R-52	9061	1035.2	05/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	10	—	—	3.30E+00	ug/L	J	J	10-2998	CAPA-10-16633	GELC
R-52	9061	1035.2	10/12/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0000128	7.67E-04	3.20E-02	—	pCi/L	U	U	11-129	CAPA-10-27451	GELC
R-52	9061	1035.2	08/05/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0123	1.63E-03	4.00E-02	—	pCi/L	U	U	10-4009	CAPA-10-24167	GELC
R-52	9061	1035.2	05/02/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00128	1.13E-03	2.10E-02	—	pCi/L	U	U	10-2998	CAPA-10-16633	GELC
R-52	9061	1035.2	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.567	4.67E-01	4.40E+00	—	pCi/L	U	U	11-129	CAPA-10-27451	GELC
R-52	9061	1035.2	08/05/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.05	4.67E-01	4.20E+00	—	pCi/L	U	U	10-4009	CAPA-10-24167	GELC
R-52	9061	1035.2	05/02/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.11	5.00E-01	5.40E+00	—	pCi/L	U	U	10-2998	CAPA-10-16633	GELC
R-52	9061	1035.2	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.0166	5.00E-01	4.90E+00	—	pCi/L	U	U	11-129	CAPA-10-27451	GELC
R-52	9061	1035.2	08/05/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.827	5.33E-01	5.40E+00	—	pCi/L	U	U	10-4009	CAPA-10-24167	GELC
R-52	9061	1035.2	05/02/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.126	5.33E-01	5.20E+00	—	pCi/L	U	U	10-2998	CAPA-10-16633	GELC
R-52	9061	1035.2	10/12/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.414	2.07E-01	2.40E+00	—	pCi/L	U	U	11-129	CAPA-10-27451	GELC
R-52	9061	1035.2	08/05/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.831	2.60E-01	2.80E+00	—	pCi/L	U	U	10-4009	CAPA-10-24167	GELC
R-52	9061	1035.2	05/02/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.276	2.47E-01	2.90E+00	—	pCi/L	U	U	10-2998	CAPA-10-16633	GELC
R-52	9061	1035.2	10/12/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.87	2.83E-01	2.20E+00	—	pCi/L	—	—	11-129	CAPA-10-27451	GELC
R-52	9061	1035.2	08/05/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.03	2.70E-01	2.70E+00	—	pCi/L	U	U	10-4009	CAPA-10-24167	GELC
R-52	9061	1035.2	05/02/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.883	2.37E-01	2.40E+00	—	pCi/L	U	U	10-2998	CAPA-10-16633	GELC
R-52	9061	1035.2	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	71.7	1.13E+01	7.90E+01	—	pCi/L	U	U	11-129	CAPA-10-27451	GELC
R-52	9061	1035.2	08/05/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	9.43	1.23E+00	1.50E+01	—	pCi/L	U	U	10-4009	CAPA-10-24167	GELC
R-52	9061	1035.2	05/02/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	21.6	2.33E+00	1.40E+01	—	pCi/L	—	—	10-2998	CAPA-10-16633	GELC
R-52	9061	1035.2	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.66	8.67E-01	8.40E+00	—	pCi/L	U	U	11-129	CAPA-10-27451	GELC
R-52	9061	1035.2	08/05/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.76	1.10E+00	9.90E+00	—	pCi/L	U	U	10-4009	CAPA-10-24167	GELC
R-52	9061	1035.2	05/02/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.71	3.67E+00	3.60E+01	—	pCi/L	U	U	10-2998	CAPA-10-16633	GELC
R-52	9061	1035.2	10/12/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00365	1.50E-03	2.10E-02	—	pCi/L	U	U	11-129	CAPA-10-27451	GELC
R-52	9061	1035.2	08/05/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00207	1.20E-03	1.80E-02	—	pCi/L	U	U	10-4009	CAPA-10-24167	GELC
R-52	9061	1035.2	05/02/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00697	2.80E-03	3.70E-02	—	pCi/L	U	U	10-2998	CAPA-10-16633	GELC
R-52	9061	1035.2	10/12/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00182	1.37E-03	3.60E-02	—	pCi/L	U	U	11-129	CAPA-10-27451	GELC
R-52	9061	1035.2	08/05/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	9.67E-04	3.00E-02	—	pCi/L	U	U	10-4009	CAPA-10-24167	GELC
R-52	9061	1035.2	05/02/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00697	2.07E-03	3.40E-02	—	pCi/L	U	U	10-2998	CAPA-10-16633	GELC
R-52	9061	1035.2	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-12.2	6.33E+00	6.10E+01	—	pCi/L	U	U	11-129	CAPA-10-27451	GELC
R-52	9061	1035.2	08/05/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-17.3	7.00E+00	7.10E+01	—	pCi/L	U	U	10-4009	CAPA-10-24167	GELC
R-52	9061	1035.2	05/02/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	33.5	6.67E+00	7.40E+01	—	pCi/L	U	U	10-2998	CAPA-10-16633	GELC
R-52	9061	1035.2	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.2	4.67E-01	4.80E+00	—	pCi/L	U	U	11-129	CAPA-10-27451	GELC
R-52	9061	1035.2	08/05/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.82	4.33E-01	4.90E+00	—	pCi/L	U	U	10-4009	CAPA-10-24167	GELC
R-52	9061	1035.2	05/02/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.48	4.33E-01	3.90E+00	—	pCi/L	U	U	10-2998	CAPA-10-16633	GELC
R-52	9061	1035.2	10/12/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.126	3.67E-02	4.80E-01	—	pCi/L	U	U	11-129	CAPA-10-27451	GELC
R-52	9061	1035.2	08/05/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.000985	4.33E-02	4.90E-01	—	pCi/L	U	U	10-4009	CAPA-10-24167	GELC
R-52	9061	1035.2	05/02/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.00276	4.33E-02	4.90E-01	—	pCi/L	U	U	10-2998	CAPA-10-16633	GELC
R-52	9061	1035.2	10/12/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.4	1.27E-02	2.90E-02	—	pCi/L	—	J	11-129	CAPA-10-27451	GELC
R-52	9061	1035.2	08/05/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.318	1.37E-02	9.90E-02	—	pCi/L	—	—	10-4009	CAPA-10-24167	GELC
R-52	9061	1035.2	05/02/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.429	1.50E-02	3.90E-02	—	pCi/L	—	—	10-2998	CAPA-10-16633	GELC
R-52	9061	1035.2	10/12/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0321	2.87E-03	2.30E-02	—	pCi/L	—	—	11-129	CAPA-10-27451	GELC
R-52	9061	1035.2	08/05/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	2.83E-03	4.70E-02	—	pCi/L	U	U	10-4009	CAPA-10-24167	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-52	9061	1035.2	05/02/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0208	2.67E-03	3.60E-02	—	pCi/L	U	U	10-2998	CAPA-10-16633	GELC
R-52	9061	1035.2	10/12/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.21	8.00E-03	1.80E-02	—	pCi/L	—	—	11-129	CAPA-10-27451	GELC
R-52	9061	1035.2	08/05/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.127	7.67E-03	6.00E-02	—	pCi/L	—	—	10-4009	CAPA-10-24167	GELC
R-52	9061	1035.2	05/02/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.294	1.13E-02	3.60E-02	—	pCi/L	—	—	10-2998	CAPA-10-16633	GELC
R-52	9061	1035.2	10/12/10	WG	UF	CS	—	VOA	SW-846:8260B	Acetone	—	4.77	—	—	3.50E+00	ug/L	J	J	11-127	CAPA-10-27451	GELC
R-52	9061	1035.2	08/05/10	WG	UF	CS	—	VOA	SW-846:8260B	Acetone	—	5.73	—	—	3.50E+00	ug/L	J	J	10-4008	CAPA-10-24167	GELC
R-52	9061	1035.2	05/02/10	WG	UF	CS	—	VOA	SW-846:8260B	Acetone	<	10	—	—	3.50E+00	ug/L	U	UJ	10-2997	CAPA-10-16633	GELC
R-52	9071	1107	10/12/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	54.2	—	—	7.30E-01	mg/L	—	—	11-128	CAPA-10-27454	GELC
R-52	9071	1107	08/05/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56	—	—	7.30E-01	mg/L	—	—	10-4009	CAPA-10-24660	GELC
R-52	9071	1107	04/23/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.1	—	—	7.30E-01	mg/L	—	—	10-2885	CAPA-10-16639	GELC
R-52	9071	1107	10/12/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.025	—	—	1.60E-02	mg/L	J	J-	11-128	CAPA-10-27454	GELC
R-52	9071	1107	08/05/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.083	—	—	1.60E-02	mg/L	—	J-	10-4009	CAPA-10-24660	GELC
R-52	9071	1107	04/23/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.039	—	—	1.60E-02	mg/L	J	U	10-2885	CAPA-10-16639	GELC
R-52	9071	1107	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.3	—	—	5.00E-02	mg/L	—	—	11-128	CAPA-10-27454	GELC
R-52	9071	1107	08/05/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.3	—	—	5.00E-02	mg/L	—	—	10-4009	CAPA-10-24660	GELC
R-52	9071	1107	04/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.3	—	—	5.00E-02	mg/L	—	—	10-2885	CAPA-10-16639	GELC
R-52	9071	1107	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.3	—	—	5.00E-02	mg/L	—	—	11-128	CAPA-10-27453	GELC
R-52	9071	1107	08/05/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.2	—	—	5.00E-02	mg/L	—	—	10-4009	CAPA-10-24658	GELC
R-52	9071	1107	04/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.4	—	—	5.00E-02	mg/L	—	—	10-2885	CAPA-10-16638	GELC
R-52	9071	1107	10/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.13	—	—	6.60E-02	mg/L	—	—	11-128	CAPA-10-27454	GELC
R-52	9071	1107	08/05/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.18	—	—	6.60E-02	mg/L	—	—	10-4009	CAPA-10-24660	GELC
R-52	9071	1107	04/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.25	—	—	6.60E-02	mg/L	—	—	10-2885	CAPA-10-16639	GELC
R-52	9071	1107	10/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.195	—	—	3.30E-02	mg/L	—	—	11-128	CAPA-10-27454	GELC
R-52	9071	1107	08/05/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.187	—	—	3.30E-02	mg/L	—	—	10-4009	CAPA-10-24660	GELC
R-52	9071	1107	04/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.208	—	—	3.30E-02	mg/L	—	—	10-2885	CAPA-10-16639	GELC
R-52	9071	1107	10/12/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.2	—	—	3.50E-01	mg/L	—	—	11-128	CAPA-10-27454	GELC
R-52	9071	1107	08/05/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.2	—	—	3.50E-01	mg/L	—	—	10-4009	CAPA-10-24660	GELC
R-52	9071	1107	04/23/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.8	—	—	3.50E-01	mg/L	—	—	10-2885	CAPA-10-16639	GELC
R-52	9071	1107	10/12/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39.9	—	—	3.50E-01	mg/L	—	—	11-128	CAPA-10-27453	GELC
R-52	9071	1107	08/05/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	40.1	—	—	3.50E-01	mg/L	—	—	10-4009	CAPA-10-24658	GELC
R-52	9071	1107	04/23/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.5	—	—	3.50E-01	mg/L	—	—	10-2885	CAPA-10-16638	GELC
R-52	9071	1107	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.91	—	—	8.50E-02	mg/L	—	—	11-128	CAPA-10-27454	GELC
R-52	9071	1107	08/05/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.93	—	—	8.50E-02	mg/L	—	—	10-4009	CAPA-10-24660	GELC
R-52	9071	1107	04/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.68	—	—	8.50E-02	mg/L	—	—	10-2885	CAPA-10-16639	GELC
R-52	9071	1107	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.87	—	—	8.50E-02	mg/L	—	—	11-128	CAPA-10-27453	GELC
R-52	9071	1107	08/05/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.94	—	—	8.50E-02	mg/L	—	—	10-4009	CAPA-10-24658	GELC
R-52	9071	1107	04/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.78	—	—	8.50E-02	mg/L	—	—	10-2885	CAPA-10-16638	GELC
R-52	9071	1107	10/12/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.447	—	—	5.00E-02	mg/L	—	—	11-128	CAPA-10-27454	GELC
R-52	9071	1107	08/05/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.426	—	—	5.00E-02	mg/L	—	—	10-4009	CAPA-10-24660	GELC
R-52	9071	1107	04/23/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.54	—	—	5.00E-02	mg/L	—	U	10-2885	CAPA-10-16639	GELC
R-52	9071	1107	10/12/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.326	—	—	5.00E-02	ug/L	—	J+	11-128	CAPA-10-27454	GELC
R-52	9071	1107	08/05/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.339	—	—	5.00E-02	ug/L	—	—	10-4009	CAPA-10-24660	GELC
R-52	9071	1107	04/23/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.344	—	—	5.00E-02	ug/L	—	—	10-2885	CAPA-10-16639	GELC
R-52	9071	1107	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.69	—	—	5.00E-02	mg/L	—	—	11-128	CAPA-10-27454	GELC
R-52	9071	1107	08/05/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.82	—	—	5.00E-02	mg/L	—	J	10-4009	CAPA-10-24660	GELC
R-52	9071	1107	04/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.61	—	—	5.00E-02	mg/L	—	—	10-2885	CAPA-10-16639	GELC
R-52	9071	1107	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.66	—	—	5.00E-02	mg/L	—	—	11-128	CAPA-10-27453	GELC
R-52	9071	1107	08/05/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.83	—	—	5.00E-02	mg/L	—	J	10-4009	CAPA-10-24658	GELC
R-52	9071	1107	04/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.61	—	—	5.00E-02	mg/L	—	—	10-2885	CAPA-10-16638	GELC
R-52	9071	1107	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	1.00E-01	mg/L	—	—	11-128	CAPA-10-27454	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-52	9071	1107	08/05/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	1.00E-01	mg/L	—	—	10-4009	CAPA-10-24660	GELC
R-52	9071	1107	04/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.1	—	—	1.00E-01	mg/L	—	—	10-2885	CAPA-10-16639	GELC
R-52	9071	1107	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	1.00E-01	mg/L	—	—	11-128	CAPA-10-27453	GELC
R-52	9071	1107	08/05/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.9	—	—	1.00E-01	mg/L	—	—	10-4009	CAPA-10-24658	GELC
R-52	9071	1107	04/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.6	—	—	1.00E-01	mg/L	—	—	10-2885	CAPA-10-16638	GELC
R-52	9071	1107	10/12/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	129	—	—	1.00E+00	uS/cm	—	—	11-128	CAPA-10-27454	GELC
R-52	9071	1107	08/05/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	128	—	—	1.00E+00	uS/cm	—	—	10-4009	CAPA-10-24660	GELC
R-52	9071	1107	04/23/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	140	—	—	1.00E+00	uS/cm	—	—	10-2885	CAPA-10-16639	GELC
R-52	9071	1107	10/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.99	—	—	1.00E-01	mg/L	—	—	11-128	CAPA-10-27454	GELC
R-52	9071	1107	08/05/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.95	—	—	1.00E-01	mg/L	—	—	10-4009	CAPA-10-24660	GELC
R-52	9071	1107	04/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.82	—	—	1.00E-01	mg/L	—	—	10-2885	CAPA-10-16639	GELC
R-52	9071	1107	10/12/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	128	—	—	2.40E+00	mg/L	—	—	11-128	CAPA-10-27454	GELC
R-52	9071	1107	08/05/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	135	—	—	2.40E+00	mg/L	—	—	10-4009	CAPA-10-24660	GELC
R-52	9071	1107	04/23/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	170	—	—	2.40E+00	mg/L	—	—	10-2885	CAPA-10-16639	GELC
R-52	9071	1107	10/12/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.586	—	—	3.30E-01	mg/L	J	J	11-127	CAPA-10-27453	GELC
R-52	9071	1107	08/05/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.523	—	—	3.30E-01	mg/L	J	J	10-4008	CAPA-10-24658	GELC
R-52	9071	1107	04/23/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.385	—	—	3.30E-01	mg/L	J	J	10-2885	CAPA-10-16638	GELC
R-52	9071	1107	10/12/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.97	—	—	1.00E-02	SU	H	J-	11-128	CAPA-10-27454	GELC
R-52	9071	1107	08/05/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.95	—	—	1.00E-02	SU	H	J-	10-4009	CAPA-10-24660	GELC
R-52	9071	1107	04/23/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.96	—	—	1.00E-02	SU	H	J-	10-2885	CAPA-10-16639	GELC
R-52	9071	1107	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	28.5	—	—	1.00E+00	ug/L	—	—	11-128	CAPA-10-27454	GELC
R-52	9071	1107	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	27.9	—	—	1.00E+00	ug/L	—	—	10-4009	CAPA-10-24660	GELC
R-52	9071	1107	04/23/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	22.3	—	—	1.00E+00	ug/L	—	—	10-2885	CAPA-10-16639	GELC
R-52	9071	1107	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28.9	—	—	1.00E+00	ug/L	—	—	11-128	CAPA-10-27453	GELC
R-52	9071	1107	08/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.8	—	—	1.00E+00	ug/L	—	—	10-4009	CAPA-10-24658	GELC
R-52	9071	1107	04/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	22.6	—	—	1.00E+00	ug/L	—	—	10-2885	CAPA-10-16638	GELC
R-52	9071	1107	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.48	—	—	2.50E+00	ug/L	J	J	11-128	CAPA-10-27454	GELC
R-52	9071	1107	08/05/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.46	—	—	2.50E+00	ug/L	J	J	10-4009	CAPA-10-24660	GELC
R-52	9071	1107	04/23/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.66	—	—	2.50E+00	ug/L	J	J	10-2885	CAPA-10-16639	GELC
R-52	9071	1107	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.16	—	—	2.50E+00	ug/L	J	J	11-128	CAPA-10-27453	GELC
R-52	9071	1107	08/05/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.3	—	—	2.50E+00	ug/L	J	J	10-4009	CAPA-10-24658	GELC
R-52	9071	1107	04/23/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	6.32	—	—	2.50E+00	ug/L	J	J	10-2885	CAPA-10-16638	GELC
R-52	9071	1107	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.12	—	—	1.00E-01	ug/L	—	J	11-128	CAPA-10-27454	GELC
R-52	9071	1107	08/05/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.2	—	—	1.00E-01	ug/L	—	—	10-4009	CAPA-10-24660	GELC
R-52	9071	1107	04/23/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.36	—	—	1.00E-01	ug/L	—	—	10-2885	CAPA-10-16639	GELC
R-52	9071	1107	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.15	—	—	1.00E-01	ug/L	—	J	11-128	CAPA-10-27453	GELC
R-52	9071	1107	08/05/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.15	—	—	1.00E-01	ug/L	—	—	10-4009	CAPA-10-24658	GELC
R-52	9071	1107	04/23/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.34	—	—	1.00E-01	ug/L	—	—	10-2885	CAPA-10-16638	GELC
R-52	9071	1107	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.24	—	—	5.00E-01	ug/L	J	J	11-128	CAPA-10-27454	GELC
R-52	9071	1107	08/05/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.533	—	—	5.00E-01	ug/L	J	J	10-4009	CAPA-10-24660	GELC
R-52	9071	1107	04/23/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.89	—	—	5.00E-01	ug/L	J	J	10-2885	CAPA-10-16639	GELC
R-52	9071	1107	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.26	—	—	5.00E-01	ug/L	J	J	11-128	CAPA-10-27453	GELC
R-52	9071	1107	08/05/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.505	—	—	5.00E-01	ug/L	J	J	10-4009	CAPA-10-24658	GELC
R-52	9071	1107	04/23/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	10-2885	CAPA-10-16638	GELC
R-52	9071	1107	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.5	—	—	5.30E-02	mg/L	—	—	11-128	CAPA-10-27454	GELC
R-52	9071	1107	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.5	—	—	5.30E-02	mg/L	—	—	10-4009	CAPA-10-24660	GELC
R-52	9071	1107	04/23/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	69.4	—	—	5.30E-02	mg/L	—	—	10-2885	CAPA-10-16639	GELC
R-52	9071	1107	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	48	—	—	1.00E+00	ug/L	—	—	11-128	CAPA-10-27454	GELC
R-52	9071	1107	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	49.7	—	—	1.00E+00	ug/L	—	—	10-4009	CAPA-10-24660	GELC
R-52	9071	1107	04/23/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	48.7	—	—	1.00E+00	ug/L	—	—	10-2885	CAPA-10-16639	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-52	9071	1107	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	47.8	—	—	1.00E+00	ug/L	—	—	11-128	CAPA-10-27453	GELC
R-52	9071	1107	08/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	49.3	—	—	1.00E+00	ug/L	—	—	10-4009	CAPA-10-24658	GELC
R-52	9071	1107	04/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	50.4	—	—	1.00E+00	ug/L	—	—	10-2885	CAPA-10-16638	GELC
R-52	9071	1107	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.391	—	—	5.00E-02	ug/L	—	—	11-128	CAPA-10-27454	GELC
R-52	9071	1107	08/05/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.357	—	—	5.00E-02	ug/L	—	—	10-4009	CAPA-10-24660	GELC
R-52	9071	1107	04/23/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.525	—	—	5.00E-02	ug/L	—	U	10-2885	CAPA-10-16639	GELC
R-52	9071	1107	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.377	—	—	5.00E-02	ug/L	—	—	11-128	CAPA-10-27453	GELC
R-52	9071	1107	08/05/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.364	—	—	5.00E-02	ug/L	—	—	10-4009	CAPA-10-24658	GELC
R-52	9071	1107	04/23/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.539	—	—	5.00E-02	ug/L	—	U	10-2885	CAPA-10-16638	GELC
R-52	9071	1107	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.83	—	—	1.00E+00	ug/L	—	—	11-128	CAPA-10-27454	GELC
R-52	9071	1107	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.83	—	—	1.00E+00	ug/L	—	—	10-4009	CAPA-10-24660	GELC
R-52	9071	1107	04/23/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.3	—	—	1.00E+00	ug/L	—	—	10-2885	CAPA-10-16639	GELC
R-52	9071	1107	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.94	—	—	1.00E+00	ug/L	—	—	11-128	CAPA-10-27453	GELC
R-52	9071	1107	08/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.81	—	—	1.00E+00	ug/L	—	—	10-4009	CAPA-10-24658	GELC
R-52	9071	1107	04/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.07	—	—	1.00E+00	ug/L	—	—	10-2885	CAPA-10-16638	GELC
R-52	9071	1107	10/12/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000111	8.00E-04	3.30E-02	—	pCi/L	U	U	11-129	CAPA-10-27453	GELC
R-52	9071	1107	08/05/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0146	1.73E-03	3.70E-02	—	pCi/L	U	U	10-4009	CAPA-10-24658	GELC
R-52	9071	1107	04/23/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0121	1.47E-03	2.20E-02	—	pCi/L	U	U	10-2885	CAPA-10-16638	GELC
R-52	9071	1107	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.871	6.00E-01	5.40E+00	—	pCi/L	U	U	11-129	CAPA-10-27453	GELC
R-52	9071	1107	08/05/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.56	4.67E-01	4.30E+00	—	pCi/L	U	U	10-4009	CAPA-10-24658	GELC
R-52	9071	1107	04/23/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-3.56	5.00E-01	4.10E+00	—	pCi/L	U	U	10-2885	CAPA-10-16638	GELC
R-52	9071	1107	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-3.13	4.33E-01	3.40E+00	—	pCi/L	U	U	11-129	CAPA-10-27453	GELC
R-52	9071	1107	08/05/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.37	5.00E-01	4.60E+00	—	pCi/L	U	U	10-4009	CAPA-10-24658	GELC
R-52	9071	1107	04/23/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.51	5.00E-01	4.20E+00	—	pCi/L	U	U	10-2885	CAPA-10-16638	GELC
R-52	9071	1107	10/12/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.88	3.07E-01	2.60E+00	—	pCi/L	U	U	11-129	CAPA-10-27453	GELC
R-52	9071	1107	08/05/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.0494	1.73E-01	2.60E+00	—	pCi/L	U	U	10-4009	CAPA-10-24658	GELC
R-52	9071	1107	04/23/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.292	1.87E-01	2.10E+00	—	pCi/L	U	U	10-2885	CAPA-10-16638	GELC
R-52	9071	1107	10/12/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	-0.234	2.13E-01	2.50E+00	—	pCi/L	U	U	11-129	CAPA-10-27453	GELC
R-52	9071	1107	08/05/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	-0.191	2.57E-01	2.90E+00	—	pCi/L	U	U	10-4009	CAPA-10-24658	GELC
R-52	9071	1107	04/23/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.63	2.37E-01	2.20E+00	—	pCi/L	U	U	10-2885	CAPA-10-16638	GELC
R-52	9071	1107	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	34.2	1.73E+01	5.10E+01	—	pCi/L	U	U	11-129	CAPA-10-27453	GELC
R-52	9071	1107	08/05/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	11.8	1.60E+00	9.10E+00	—	pCi/L	—	U	10-4009	CAPA-10-24658	GELC
R-52	9071	1107	04/23/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	23.4	3.13E+00	3.50E+01	—	pCi/L	U	U	10-2885	CAPA-10-16638	GELC
R-52	9071	1107	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.1	8.33E-01	8.80E+00	—	pCi/L	U	U	11-129	CAPA-10-27453	GELC
R-52	9071	1107	08/05/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.677	9.67E-01	9.40E+00	—	pCi/L	U	U	10-4009	CAPA-10-24658	GELC
R-52	9071	1107	04/23/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.24	3.67E+00	3.50E+01	—	pCi/L	U	U	10-2885	CAPA-10-16638	GELC
R-52	9071	1107	10/12/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0224	2.40E-03	2.60E-02	—	pCi/L	U	U	11-129	CAPA-10-27453	GELC
R-52	9071	1107	08/05/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	7.67E-04	2.00E-02	—	pCi/L	U	U	10-4009	CAPA-10-24658	GELC
R-52	9071	1107	04/23/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0018	6.00E-04	3.30E-02	—	pCi/L	U	U	10-2885	CAPA-10-16638	GELC
R-52	9071	1107	10/12/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.07E-03	4.40E-02	—	pCi/L	U	U	11-129	CAPA-10-27453	GELC
R-52	9071	1107	08/05/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00229	2.03E-03	3.30E-02	—	pCi/L	U	U	10-4009	CAPA-10-24658	GELC
R-52	9071	1107	04/23/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	8.67E-04	2.10E-02	—	pCi/L	U	U	10-2885	CAPA-10-16638	GELC
R-52	9071	1107	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-11.2	6.00E+00	6.00E+01	—	pCi/L	U	U	11-129	CAPA-10-27453	GELC
R-52	9071	1107	08/05/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-3.15	6.67E+00	6.60E+01	—	pCi/L	U	U	10-4009	CAPA-10-24658	GELC
R-52	9071	1107	04/23/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-29.1	5.67E+00	5.70E+01	—	pCi/L	U	U	10-2885	CAPA-10-16638	GELC
R-52	9071	1107	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.29	4.33E-01	4.10E+00	—	pCi/L	U	U	11-129	CAPA-10-27453	GELC
R-52	9071	1107	08/05/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.728	4.33E-01	4.00E+00	—	pCi/L	U	U	10-4009	CAPA-10-24658	GELC
R-52	9071	1107	04/23/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-3.32	5.00E-01	3.70E+00	—	pCi/L	U	U	10-2885	CAPA-10-16638	GELC
R-52	9071	1107	10/12/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.000863	4.33E-02	4.90E-01	—	pCi/L	U	U	11-129	CAPA-10-27453	GELC
R-52	9071	1107	08/05/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.107	5.00E-02	4.80E-01	—	pCi/L	U	U	10-4009	CAPA-10-24658	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-52	9071	1107	04/23/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.133	4.00E-02	4.90E-01	—	pCi/L	U	U	10-2885	CAPA-10-16638	GELC
R-52	9071	1107	10/12/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.252	9.33E-03	3.20E-02	—	pCi/L	—	J	11-129	CAPA-10-27453	GELC
R-52	9071	1107	08/05/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.305	1.33E-02	1.00E-01	—	pCi/L	—	—	10-4009	CAPA-10-24658	GELC
R-52	9071	1107	04/23/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.335	1.27E-02	5.00E-02	—	pCi/L	—	—	10-2885	CAPA-10-16638	GELC
R-52	9071	1107	10/12/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0258	2.67E-03	2.50E-02	—	pCi/L	—	—	11-129	CAPA-10-27453	GELC
R-52	9071	1107	08/05/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0172	3.67E-03	4.80E-02	—	pCi/L	U	U	10-4009	CAPA-10-24658	GELC
R-52	9071	1107	04/23/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0128	2.63E-03	4.10E-02	—	pCi/L	U	U	10-2885	CAPA-10-16638	GELC
R-52	9071	1107	10/12/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.101	5.00E-03	1.90E-02	—	pCi/L	—	—	11-129	CAPA-10-27453	GELC
R-52	9071	1107	08/05/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.143	8.33E-03	6.10E-02	—	pCi/L	—	—	10-4009	CAPA-10-24658	GELC
R-52	9071	1107	04/23/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.143	7.33E-03	3.60E-02	—	pCi/L	—	—	10-2885	CAPA-10-16638	GELC
R-53	9031	959.7	10/12/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.2	—	—	7.30E-01	mg/L	—	—	11-128	CAPA-10-27463	GELC
R-53	9031	959.7	07/26/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.5	—	—	7.30E-01	mg/L	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	959.7	04/14/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.6	—	—	7.30E-01	mg/L	—	—	10-2750	CAPA-10-15924	GELC
R-53	9031	959.7	10/12/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.031	—	—	1.60E-02	mg/L	J	J	11-128	CAPA-10-27463	GELC
R-53	9031	959.7	07/26/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.064	—	—	1.60E-02	mg/L	—	J-	10-3845	CAPA-10-24180	GELC
R-53	9031	959.7	04/14/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.096	—	—	1.60E-02	mg/L	—	U	10-2750	CAPA-10-15924	GELC
R-53	9031	959.7	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.8	—	—	5.00E-02	mg/L	—	—	11-128	CAPA-10-27463	GELC
R-53	9031	959.7	07/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.9	—	—	5.00E-02	mg/L	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	959.7	04/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	5.00E-02	mg/L	—	—	10-2750	CAPA-10-15924	GELC
R-53	9031	959.7	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.5	—	—	5.00E-02	mg/L	—	—	11-128	CAPA-10-27464	GELC
R-53	9031	959.7	07/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.1	—	—	5.00E-02	mg/L	—	—	10-3845	CAPA-10-24179	GELC
R-53	9031	959.7	04/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.3	—	—	5.00E-02	mg/L	—	—	10-2750	CAPA-10-15923	GELC
R-53	9031	959.7	10/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.72	—	—	6.60E-02	mg/L	—	—	11-128	CAPA-10-27463	GELC
R-53	9031	959.7	07/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.83	—	—	6.60E-02	mg/L	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	959.7	04/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.81	—	—	6.60E-02	mg/L	—	—	10-2750	CAPA-10-15924	GELC
R-53	9031	959.7	10/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.21	—	—	3.30E-02	mg/L	—	—	11-128	CAPA-10-27463	GELC
R-53	9031	959.7	07/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.26	—	—	3.30E-02	mg/L	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	959.7	04/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.211	—	—	3.30E-02	mg/L	—	—	10-2750	CAPA-10-15924	GELC
R-53	9031	959.7	10/12/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40	—	—	3.50E-01	mg/L	—	—	11-128	CAPA-10-27463	GELC
R-53	9031	959.7	07/26/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.2	—	—	3.50E-01	mg/L	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	959.7	04/14/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.1	—	—	3.50E-01	mg/L	—	—	10-2750	CAPA-10-15924	GELC
R-53	9031	959.7	10/12/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.7	—	—	3.50E-01	mg/L	—	—	11-128	CAPA-10-27464	GELC
R-53	9031	959.7	07/26/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.3	—	—	3.50E-01	mg/L	—	—	10-3845	CAPA-10-24179	GELC
R-53	9031	959.7	04/14/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.9	—	—	3.50E-01	mg/L	—	—	10-2750	CAPA-10-15923	GELC
R-53	9031	959.7	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.15	—	—	8.50E-02	mg/L	—	—	11-128	CAPA-10-27463	GELC
R-53	9031	959.7	07/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.18	—	—	8.50E-02	mg/L	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	959.7	04/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.86	—	—	8.50E-02	mg/L	—	—	10-2750	CAPA-10-15924	GELC
R-53	9031	959.7	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.03	—	—	8.50E-02	mg/L	—	—	11-128	CAPA-10-27464	GELC
R-53	9031	959.7	07/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.92	—	—	8.50E-02	mg/L	—	—	10-3845	CAPA-10-24179	GELC
R-53	9031	959.7	04/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.98	—	—	8.50E-02	mg/L	—	—	10-2750	CAPA-10-15923	GELC
R-53	9031	959.7	10/12/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.35	—	—	5.00E-02	mg/L	—	—	11-128	CAPA-10-27463	GELC
R-53	9031	959.7	07/26/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.346	—	—	5.00E-02	mg/L	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	959.7	04/14/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.393	—	—	5.00E-02	mg/L	—	U	10-2750	CAPA-10-15924	GELC
R-53	9031	959.7	10/12/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.302	—	—	5.00E-02	ug/L	—	J+	11-128	CAPA-10-27463	GELC
R-53	9031	959.7	07/26/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.292	—	—	5.00E-02	ug/L	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	959.7	04/14/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.267	—	—	5.00E-02	ug/L	—	—	10-2750	CAPA-10-15924	GELC
R-53	9031	959.7	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.72	—	—	5.00E-02	mg/L	—	—	11-128	CAPA-10-27463	GELC
R-53	9031	959.7	07/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.63	—	—	5.00E-02	mg/L	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	959.7	04/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.59	—	—	5.00E-02	mg/L	—	—	10-2750	CAPA-10-15924	GELC
R-53	9031	959.7	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.69	—	—	5.00E-02	mg/L	—	—	11-128	CAPA-10-27464	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-53	9031	959.7	07/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.53	—	—	5.00E-02	mg/L	—	—	10-3845	CAPA-10-24179	GELC
R-53	9031	959.7	04/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.58	—	—	5.00E-02	mg/L	—	—	10-2750	CAPA-10-15923	GELC
R-53	9031	959.7	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.5	—	—	1.00E-01	mg/L	—	—	11-128	CAPA-10-27463	GELC
R-53	9031	959.7	07/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	1.00E-01	mg/L	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	959.7	04/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.9	—	—	1.00E-01	mg/L	—	—	10-2750	CAPA-10-15924	GELC
R-53	9031	959.7	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.29	—	—	1.00E-01	mg/L	—	—	11-128	CAPA-10-27464	GELC
R-53	9031	959.7	07/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.93	—	—	1.00E-01	mg/L	—	—	10-3845	CAPA-10-24179	GELC
R-53	9031	959.7	04/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	1.00E-01	mg/L	—	—	10-2750	CAPA-10-15923	GELC
R-53	9031	959.7	10/12/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	120	—	—	1.00E+00	uS/cm	—	—	11-128	CAPA-10-27463	GELC
R-53	9031	959.7	07/26/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	116	—	—	1.00E+00	uS/cm	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	959.7	04/14/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	122	—	—	1.00E+00	uS/cm	—	—	10-2750	CAPA-10-15924	GELC
R-53	9031	959.7	10/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.87	—	—	1.00E-01	mg/L	—	—	11-128	CAPA-10-27463	GELC
R-53	9031	959.7	07/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.93	—	—	1.00E-01	mg/L	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	959.7	04/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.11	—	—	1.00E-01	mg/L	—	—	10-2750	CAPA-10-15924	GELC
R-53	9031	959.7	10/12/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	124	—	—	2.40E+00	mg/L	—	—	11-128	CAPA-10-27463	GELC
R-53	9031	959.7	07/26/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	130	—	—	2.40E+00	mg/L	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	959.7	04/14/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	136	—	—	2.40E+00	mg/L	—	—	10-2750	CAPA-10-15924	GELC
R-53	9031	959.7	10/12/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.746	—	—	3.30E-01	mg/L	J	J	11-127	CAPA-10-27464	GELC
R-53	9031	959.7	07/26/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	10-3844	CAPA-10-24179	GELC
R-53	9031	959.7	04/14/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	10-2750	CAPA-10-15923	GELC
R-53	9031	959.7	10/12/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.06	—	—	1.00E-02	SU	H	J-	11-128	CAPA-10-27463	GELC
R-53	9031	959.7	07/26/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.05	—	—	1.00E-02	SU	H	J-	10-3845	CAPA-10-24180	GELC
R-53	9031	959.7	04/14/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.08	—	—	1.00E-02	SU	H	J-	10-2750	CAPA-10-15924	GELC
R-53	9031	959.7	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	27.5	—	—	1.00E+00	ug/L	—	—	11-128	CAPA-10-27463	GELC
R-53	9031	959.7	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	29.4	—	—	1.00E+00	ug/L	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	959.7	04/14/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	27.1	—	—	1.00E+00	ug/L	—	—	10-2750	CAPA-10-15924	GELC
R-53	9031	959.7	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.2	—	—	1.00E+00	ug/L	—	—	11-128	CAPA-10-27464	GELC
R-53	9031	959.7	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	26	—	—	1.00E+00	ug/L	—	—	10-3845	CAPA-10-24179	GELC
R-53	9031	959.7	04/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28.8	—	—	1.00E+00	ug/L	—	—	10-2750	CAPA-10-15923	GELC
R-53	9031	959.7	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.23	—	—	2.50E+00	ug/L	J	J	11-128	CAPA-10-27463	GELC
R-53	9031	959.7	07/26/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3.05	—	—	2.50E+00	ug/L	J	U	10-3845	CAPA-10-24180	GELC
R-53	9031	959.7	04/14/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2750	CAPA-10-15924	GELC
R-53	9031	959.7	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.4	—	—	2.50E+00	ug/L	J	J	11-128	CAPA-10-27464	GELC
R-53	9031	959.7	07/26/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3.38	—	—	2.50E+00	ug/L	J	U	10-3845	CAPA-10-24179	GELC
R-53	9031	959.7	04/14/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2750	CAPA-10-15923	GELC
R-53	9031	959.7	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.996	—	—	1.00E-01	ug/L	—	J	11-128	CAPA-10-27463	GELC
R-53	9031	959.7	07/26/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.26	—	—	1.00E-01	ug/L	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	959.7	04/14/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.59	—	—	1.00E-01	ug/L	—	—	10-2750	CAPA-10-15924	GELC
R-53	9031	959.7	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.02	—	—	1.00E-01	ug/L	—	J	11-128	CAPA-10-27464	GELC
R-53	9031	959.7	07/26/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.27	—	—	1.00E-01	ug/L	—	—	10-3845	CAPA-10-24179	GELC
R-53	9031	959.7	04/14/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.53	—	—	1.00E-01	ug/L	—	—	10-2750	CAPA-10-15923	GELC
R-53	9031	959.7	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.821	—	—	5.00E-01	ug/L	J	J	11-128	CAPA-10-27463	GELC
R-53	9031	959.7	07/26/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	10-3845	CAPA-10-24180	GELC
R-53	9031	959.7	04/14/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	10-2750	CAPA-10-15924	GELC
R-53	9031	959.7	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.801	—	—	5.00E-01	ug/L	J	J	11-128	CAPA-10-27464	GELC
R-53	9031	959.7	07/26/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	10-3845	CAPA-10-24179	GELC
R-53	9031	959.7	04/14/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	10-2750	CAPA-10-15923	GELC
R-53	9031	959.7	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.9	—	—	5.30E-02	mg/L	—	—	11-128	CAPA-10-27463	GELC
R-53	9031	959.7	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	75.3	—	—	5.30E-02	mg/L	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	959.7	04/14/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70.7	—	—	5.30E-02	mg/L	—	—	10-2750	CAPA-10-15924	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-53	9031	959.7	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	44.6	—	—	1.00E+00	ug/L	—	—	11-128	CAPA-10-27463	GELC
R-53	9031	959.7	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	45.4	—	—	1.00E+00	ug/L	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	959.7	04/14/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	45.7	—	—	1.00E+00	ug/L	—	—	10-2750	CAPA-10-15924	GELC
R-53	9031	959.7	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	43.9	—	—	1.00E+00	ug/L	—	—	11-128	CAPA-10-27464	GELC
R-53	9031	959.7	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	42.2	—	—	1.00E+00	ug/L	—	—	10-3845	CAPA-10-24179	GELC
R-53	9031	959.7	04/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	46.3	—	—	1.00E+00	ug/L	—	—	10-2750	CAPA-10-15923	GELC
R-53	9031	959.7	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.411	—	—	5.00E-02	ug/L	—	—	11-128	CAPA-10-27463	GELC
R-53	9031	959.7	07/26/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.428	—	—	5.00E-02	ug/L	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	959.7	04/14/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.595	—	—	5.00E-02	ug/L	—	—	10-2750	CAPA-10-15924	GELC
R-53	9031	959.7	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.431	—	—	5.00E-02	ug/L	—	—	11-128	CAPA-10-27464	GELC
R-53	9031	959.7	07/26/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.446	—	—	5.00E-02	ug/L	—	—	10-3845	CAPA-10-24179	GELC
R-53	9031	959.7	04/14/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.681	—	—	5.00E-02	ug/L	—	—	10-2750	CAPA-10-15923	GELC
R-53	9031	959.7	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.88	—	—	1.00E+00	ug/L	J	J	11-128	CAPA-10-27463	GELC
R-53	9031	959.7	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.92	—	—	1.00E+00	ug/L	J	J	10-3845	CAPA-10-24180	GELC
R-53	9031	959.7	04/14/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.9	—	—	1.00E+00	ug/L	J	J	10-2750	CAPA-10-15924	GELC
R-53	9031	959.7	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.78	—	—	1.00E+00	ug/L	J	J	11-128	CAPA-10-27464	GELC
R-53	9031	959.7	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.56	—	—	1.00E+00	ug/L	J	J	10-3845	CAPA-10-24179	GELC
R-53	9031	959.7	04/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.96	—	—	1.00E+00	ug/L	J	J	10-2750	CAPA-10-15923	GELC
R-53	9031	959.7	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.45	—	—	3.30E+00	ug/L	J	J	11-128	CAPA-10-27463	GELC
R-53	9031	959.7	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	10.5	—	—	3.30E+00	ug/L	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	959.7	04/14/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	4.18	—	—	3.30E+00	ug/L	J	U	10-2750	CAPA-10-15924	GELC
R-53	9031	959.7	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.95	—	—	3.30E+00	ug/L	J	J	11-128	CAPA-10-27464	GELC
R-53	9031	959.7	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	10.1	—	—	3.30E+00	ug/L	—	—	10-3845	CAPA-10-24179	GELC
R-53	9031	959.7	04/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	6.19	—	—	3.30E+00	ug/L	J	U	10-2750	CAPA-10-15923	GELC
R-53	9031	959.7	10/12/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0000538	1.57E-03	3.30E-02	—	pCi/L	U	U	11-129	CAPA-10-27464	GELC
R-53	9031	959.7	07/26/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00339	1.73E-03	4.20E-02	—	pCi/L	U	U	10-3845	CAPA-10-24179	GELC
R-53	9031	959.7	04/14/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00371	8.67E-04	2.50E-02	—	pCi/L	U	U	10-2750	CAPA-10-15923	GELC
R-53	9031	959.7	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.792	5.67E-01	5.30E+00	—	pCi/L	U	U	11-129	CAPA-10-27464	GELC
R-53	9031	959.7	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.62	5.00E-01	4.60E+00	—	pCi/L	U	U	10-3845	CAPA-10-24179	GELC
R-53	9031	959.7	04/14/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.64	5.00E-01	5.30E+00	—	pCi/L	U	U	10-2750	CAPA-10-15923	GELC
R-53	9031	959.7	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.99	5.33E-01	5.90E+00	—	pCi/L	U	U	11-129	CAPA-10-27464	GELC
R-53	9031	959.7	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.06	4.67E-01	4.00E+00	—	pCi/L	U	U	10-3845	CAPA-10-24179	GELC
R-53	9031	959.7	04/14/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.793	6.00E-01	6.20E+00	—	pCi/L	U	U	10-2750	CAPA-10-15923	GELC
R-53	9031	959.7	10/12/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.28	1.93E-01	2.80E+00	—	pCi/L	U	U	11-129	CAPA-10-27464	GELC
R-53	9031	959.7	07/26/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.585	1.57E-01	2.90E+00	—	pCi/L	U	U	10-3845	CAPA-10-24179	GELC
R-53	9031	959.7	04/14/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.68	3.33E-01	2.40E+00	—	pCi/L	—	U	10-2750	CAPA-10-15923	GELC
R-53	9031	959.7	10/12/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.19	2.93E-01	2.90E+00	—	pCi/L	U	U	11-129	CAPA-10-27464	GELC
R-53	9031	959.7	07/26/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	-0.269	2.47E-01	2.60E+00	—	pCi/L	U	U	10-3845	CAPA-10-24179	GELC
R-53	9031	959.7	04/14/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.34	3.10E-01	2.40E+00	—	pCi/L	—	—	10-2750	CAPA-10-15923	GELC
R-53	9031	959.7	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	67	8.00E+00	6.50E+01	—	pCi/L	—	U	11-129	CAPA-10-27464	GELC
R-53	9031	959.7	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	36.8	4.67E+00	2.50E+01	—	pCi/L	—	U	10-3845	CAPA-10-24179	GELC
R-53	9031	959.7	04/14/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	11.8	1.50E+00	2.50E+01	—	pCi/L	U	U	10-2750	CAPA-10-15923	GELC
R-53	9031	959.7	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.33	1.03E+00	1.00E+01	—	pCi/L	U	U	11-129	CAPA-10-27464	GELC
R-53	9031	959.7	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.992	8.33E-01	8.10E+00	—	pCi/L	U	U	10-3845	CAPA-10-24179	GELC
R-53	9031	959.7	04/14/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.22	2.20E+00	2.10E+01	—	pCi/L	U	U	10-2750	CAPA-10-15923	GELC
R-53	9031	959.7	10/12/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0133	2.37E-03	2.50E-02	—	pCi/L	U	U	11-129	CAPA-10-27464	GELC
R-53	9031	959.7	07/26/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	7.67E-04	3.00E-02	—	pCi/L	U	U	10-3845	CAPA-10-24179	GELC
R-53	9031	959.7	04/14/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00198	1.73E-03	3.70E-02	—	pCi/L	U	U	10-2750	CAPA-10-15923	GELC
R-53	9031	959.7	10/12/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00888	2.10E-03	4.30E-02	—	pCi/L	U	U	11-129	CAPA-10-27464	GELC
R-53	9031	959.7	07/26/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00226	2.00E-03	3.10E-02	—	pCi/L	U	U	10-3845	CAPA-10-24179	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-53	9031	959.7	04/14/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0238	3.67E-03	2.30E-02	—	pCi/L	U	U	10-2750	CAPA-10-15923	GELC
R-53	9031	959.7	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-5.71	6.00E+00	6.10E+01	—	pCi/L	U	U	11-129	CAPA-10-27464	GELC
R-53	9031	959.7	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-12.6	5.67E+00	5.60E+01	—	pCi/L	U	U	10-3845	CAPA-10-24179	GELC
R-53	9031	959.7	04/14/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	39.8	5.67E+00	6.70E+01	—	pCi/L	U	U	10-2750	CAPA-10-15923	GELC
R-53	9031	959.7	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.904	5.33E-01	5.70E+00	—	pCi/L	U	U	11-129	CAPA-10-27464	GELC
R-53	9031	959.7	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.418	4.00E-01	3.60E+00	—	pCi/L	U	U	10-3845	CAPA-10-24179	GELC
R-53	9031	959.7	04/14/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.23	5.67E-01	5.00E+00	—	pCi/L	U	U	10-2750	CAPA-10-15923	GELC
R-53	9031	959.7	10/12/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.199	4.67E-02	4.90E-01	—	pCi/L	U	U	11-129	CAPA-10-27464	GELC
R-53	9031	959.7	07/26/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0855	3.67E-02	4.10E-01	—	pCi/L	U	U	10-3845	CAPA-10-24179	GELC
R-53	9031	959.7	04/14/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.119	4.67E-02	4.80E-01	—	pCi/L	U	U	10-2750	CAPA-10-15923	GELC
R-53	9031	959.7	10/12/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.272	9.67E-03	3.10E-02	—	pCi/L	—	J	11-129	CAPA-10-27464	GELC
R-53	9031	959.7	07/26/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.207	1.03E-02	9.50E-02	—	pCi/L	—	—	10-3845	CAPA-10-24179	GELC
R-53	9031	959.7	04/14/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.443	1.33E-02	2.90E-02	—	pCi/L	—	—	10-2750	CAPA-10-15923	GELC
R-53	9031	959.7	10/12/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0228	2.47E-03	2.40E-02	—	pCi/L	U	U	11-129	CAPA-10-27464	GELC
R-53	9031	959.7	07/26/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	1.90E-03	4.50E-02	—	pCi/L	U	U	10-3845	CAPA-10-24179	GELC
R-53	9031	959.7	04/14/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0222	2.20E-03	2.30E-02	—	pCi/L	U	U	10-2750	CAPA-10-15923	GELC
R-53	9031	959.7	10/12/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.14	6.33E-03	1.90E-02	—	pCi/L	—	—	11-129	CAPA-10-27464	GELC
R-53	9031	959.7	07/26/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.144	8.33E-03	5.70E-02	—	pCi/L	—	—	10-3845	CAPA-10-24179	GELC
R-53	9031	959.7	04/14/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.289	9.67E-03	2.10E-02	—	pCi/L	—	—	10-2750	CAPA-10-15923	GELC
R-53	9041	849.2	10/12/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	54.7	—	—	7.30E-01	mg/L	—	—	11-128	CAPA-10-27455	GELC
R-53	9041	849.2	07/26/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	61.7	—	—	7.30E-01	mg/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	849.2	04/19/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.6	—	—	7.30E-01	mg/L	—	—	10-2823	CAPA-10-15929	GELC
R-53	9041	849.2	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	5.00E-02	mg/L	—	—	11-128	CAPA-10-27455	GELC
R-53	9041	849.2	07/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.2	—	—	5.00E-02	mg/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	849.2	04/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.8	—	—	5.00E-02	mg/L	—	—	10-2823	CAPA-10-15929	GELC
R-53	9041	849.2	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.3	—	—	5.00E-02	mg/L	—	—	11-128	CAPA-10-27456	GELC
R-53	9041	849.2	07/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.2	—	—	5.00E-02	mg/L	—	—	10-3845	CAPA-10-24174	GELC
R-53	9041	849.2	04/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.6	—	—	5.00E-02	mg/L	—	—	10-2823	CAPA-10-15928	GELC
R-53	9041	849.2	10/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.76	—	—	6.60E-02	mg/L	—	—	11-128	CAPA-10-27455	GELC
R-53	9041	849.2	07/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.84	—	—	6.60E-02	mg/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	849.2	04/19/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.82	—	—	6.60E-02	mg/L	—	—	10-2823	CAPA-10-15929	GELC
R-53	9041	849.2	10/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.233	—	—	3.30E-02	mg/L	—	—	11-128	CAPA-10-27455	GELC
R-53	9041	849.2	07/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.267	—	—	3.30E-02	mg/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	849.2	04/19/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.262	—	—	3.30E-02	mg/L	—	—	10-2823	CAPA-10-15929	GELC
R-53	9041	849.2	10/12/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.8	—	—	3.50E-01	mg/L	—	—	11-128	CAPA-10-27455	GELC
R-53	9041	849.2	07/26/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.2	—	—	3.50E-01	mg/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	849.2	04/19/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.8	—	—	3.50E-01	mg/L	—	—	10-2823	CAPA-10-15929	GELC
R-53	9041	849.2	10/12/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38	—	—	3.50E-01	mg/L	—	—	11-128	CAPA-10-27456	GELC
R-53	9041	849.2	07/26/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41	—	—	3.50E-01	mg/L	—	—	10-3845	CAPA-10-24174	GELC
R-53	9041	849.2	04/19/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39.3	—	—	3.50E-01	mg/L	—	—	10-2823	CAPA-10-15928	GELC
R-53	9041	849.2	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.97	—	—	8.50E-02	mg/L	—	—	11-128	CAPA-10-27455	GELC
R-53	9041	849.2	07/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.19	—	—	8.50E-02	mg/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	849.2	04/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.11	—	—	8.50E-02	mg/L	—	—	10-2823	CAPA-10-15929	GELC
R-53	9041	849.2	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.99	—	—	8.50E-02	mg/L	—	—	11-128	CAPA-10-27456	GELC
R-53	9041	849.2	07/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.16	—	—	8.50E-02	mg/L	—	—	10-3845	CAPA-10-24174	GELC
R-53	9041	849.2	04/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.11	—	—	8.50E-02	mg/L	—	—	10-2823	CAPA-10-15928	GELC
R-53	9041	849.2	10/12/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.379	—	—	5.00E-02	mg/L	—	—	11-128	CAPA-10-27455	GELC
R-53	9041	849.2	07/26/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.274	—	—	5.00E-02	mg/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	849.2	04/19/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.463	—	—	5.00E-02	mg/L	—	U	10-2823	CAPA-10-15929	GELC
R-53	9041	849.2	10/12/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.283	—	—	5.00E-02	ug/L	—	J+	11-128	CAPA-10-27455	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-53	9041	849.2	07/26/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.214	—	—	5.00E-02	ug/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	849.2	04/19/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.254	—	—	5.00E-02	ug/L	—	—	10-2823	CAPA-10-15929	GELC
R-53	9041	849.2	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.59	—	—	5.00E-02	mg/L	—	—	11-128	CAPA-10-27455	GELC
R-53	9041	849.2	07/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.62	—	—	5.00E-02	mg/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	849.2	04/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.58	—	—	5.00E-02	mg/L	—	—	10-2823	CAPA-10-15929	GELC
R-53	9041	849.2	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.61	—	—	5.00E-02	mg/L	—	—	11-128	CAPA-10-27456	GELC
R-53	9041	849.2	07/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.59	—	—	5.00E-02	mg/L	—	—	10-3845	CAPA-10-24174	GELC
R-53	9041	849.2	04/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.57	—	—	5.00E-02	mg/L	—	—	10-2823	CAPA-10-15928	GELC
R-53	9041	849.2	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	1.00E-01	mg/L	—	—	11-128	CAPA-10-27455	GELC
R-53	9041	849.2	07/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	1.00E-01	mg/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	849.2	04/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.3	—	—	1.00E-01	mg/L	—	—	10-2823	CAPA-10-15929	GELC
R-53	9041	849.2	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	1.00E-01	mg/L	—	—	11-128	CAPA-10-27456	GELC
R-53	9041	849.2	07/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	1.00E-01	mg/L	—	—	10-3845	CAPA-10-24174	GELC
R-53	9041	849.2	04/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.2	—	—	1.00E-01	mg/L	—	—	10-2823	CAPA-10-15928	GELC
R-53	9041	849.2	10/12/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	124	—	—	1.00E+00	uS/cm	—	—	11-128	CAPA-10-27455	GELC
R-53	9041	849.2	07/26/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	128	—	—	1.00E+00	uS/cm	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	849.2	04/19/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	122	—	—	1.00E+00	uS/cm	—	—	10-2823	CAPA-10-15929	GELC
R-53	9041	849.2	10/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.93	—	—	1.00E-01	mg/L	—	—	11-128	CAPA-10-27455	GELC
R-53	9041	849.2	07/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.96	—	—	1.00E-01	mg/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	849.2	04/19/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.81	—	—	1.00E-01	mg/L	—	—	10-2823	CAPA-10-15929	GELC
R-53	9041	849.2	10/12/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	129	—	—	2.40E+00	mg/L	—	—	11-128	CAPA-10-27455	GELC
R-53	9041	849.2	07/26/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	137	—	—	2.40E+00	mg/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	849.2	04/19/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	129	—	—	2.40E+00	mg/L	—	—	10-2823	CAPA-10-15929	GELC
R-53	9041	849.2	10/12/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.711	—	—	3.30E-01	mg/L	J	J	11-127	CAPA-10-27456	GELC
R-53	9041	849.2	07/26/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.847	—	—	3.30E-01	mg/L	J	J	10-3844	CAPA-10-24174	GELC
R-53	9041	849.2	04/19/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.39	—	—	3.30E-01	mg/L	J	J	10-2823	CAPA-10-15928	GELC
R-53	9041	849.2	10/12/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.89	—	—	1.00E-02	SU	H	J-	11-128	CAPA-10-27455	GELC
R-53	9041	849.2	07/26/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.89	—	—	1.00E-02	SU	H	J-	10-3845	CAPA-10-24175	GELC
R-53	9041	849.2	04/19/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.03	—	—	1.00E-02	SU	H	J-	10-2823	CAPA-10-15929	GELC
R-53	9041	849.2	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	24.3	—	—	1.00E+00	ug/L	—	—	11-128	CAPA-10-27455	GELC
R-53	9041	849.2	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	30	—	—	1.00E+00	ug/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	849.2	04/19/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	26.7	—	—	1.00E+00	ug/L	—	—	10-2823	CAPA-10-15929	GELC
R-53	9041	849.2	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	24.5	—	—	1.00E+00	ug/L	—	—	11-128	CAPA-10-27456	GELC
R-53	9041	849.2	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28.8	—	—	1.00E+00	ug/L	—	—	10-3845	CAPA-10-24174	GELC
R-53	9041	849.2	04/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	26.4	—	—	1.00E+00	ug/L	—	—	10-2823	CAPA-10-15928	GELC
R-53	9041	849.2	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.79	—	—	2.50E+00	ug/L	J	J	11-128	CAPA-10-27455	GELC
R-53	9041	849.2	07/26/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3.8	—	—	2.50E+00	ug/L	J	U	10-3845	CAPA-10-24175	GELC
R-53	9041	849.2	04/19/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2823	CAPA-10-15929	GELC
R-53	9041	849.2	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.8	—	—	2.50E+00	ug/L	J	J	11-128	CAPA-10-27456	GELC
R-53	9041	849.2	07/26/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3.82	—	—	2.50E+00	ug/L	J	U	10-3845	CAPA-10-24174	GELC
R-53	9041	849.2	04/19/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2823	CAPA-10-15928	GELC
R-53	9041	849.2	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.32	—	—	2.00E+00	ug/L	J	J	11-128	CAPA-10-27455	GELC
R-53	9041	849.2	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	37.1	—	—	2.00E+00	ug/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	849.2	04/19/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-2823	CAPA-10-15929	GELC
R-53	9041	849.2	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.03	—	—	2.00E+00	ug/L	J	J	11-128	CAPA-10-27456	GELC
R-53	9041	849.2	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	36.2	—	—	2.00E+00	ug/L	—	—	10-3845	CAPA-10-24174	GELC
R-53	9041	849.2	04/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-2823	CAPA-10-15928	GELC
R-53	9041	849.2	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.52	—	—	1.00E-01	ug/L	—	J	11-128	CAPA-10-27455	GELC
R-53	9041	849.2	07/26/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.29	—	—	1.00E-01	ug/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	849.2	04/19/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.24	—	—	1.00E-01	ug/L	—	—	10-2823	CAPA-10-15929	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-53	9041	849.2	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.47	—	—	1.00E-01	ug/L	—	J	11-128	CAPA-10-27456	GELC
R-53	9041	849.2	07/26/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.22	—	—	1.00E-01	ug/L	—	—	10-3845	CAPA-10-24174	GELC
R-53	9041	849.2	04/19/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.23	—	—	1.00E-01	ug/L	—	—	10-2823	CAPA-10-15928	GELC
R-53	9041	849.2	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.662	—	—	5.00E-01	ug/L	J	J	11-128	CAPA-10-27455	GELC
R-53	9041	849.2	07/26/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.04	—	—	5.00E-01	ug/L	J	J	10-3845	CAPA-10-24175	GELC
R-53	9041	849.2	04/19/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	10-2823	CAPA-10-15929	GELC
R-53	9041	849.2	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.74	—	—	5.00E-01	ug/L	J	J	11-128	CAPA-10-27456	GELC
R-53	9041	849.2	07/26/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.909	—	—	5.00E-01	ug/L	J	J	10-3845	CAPA-10-24174	GELC
R-53	9041	849.2	04/19/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	10-2823	CAPA-10-15928	GELC
R-53	9041	849.2	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	65.6	—	—	5.30E-02	mg/L	—	—	11-128	CAPA-10-27455	GELC
R-53	9041	849.2	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.9	—	—	5.30E-02	mg/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	849.2	04/19/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.2	—	—	5.30E-02	mg/L	—	—	10-2823	CAPA-10-15929	GELC
R-53	9041	849.2	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	42.3	—	—	1.00E+00	ug/L	—	—	11-128	CAPA-10-27455	GELC
R-53	9041	849.2	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	44.9	—	—	1.00E+00	ug/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	849.2	04/19/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	48.3	—	—	1.00E+00	ug/L	—	—	10-2823	CAPA-10-15929	GELC
R-53	9041	849.2	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	42.3	—	—	1.00E+00	ug/L	—	—	11-128	CAPA-10-27456	GELC
R-53	9041	849.2	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	45.2	—	—	1.00E+00	ug/L	—	—	10-3845	CAPA-10-24174	GELC
R-53	9041	849.2	04/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	47.7	—	—	1.00E+00	ug/L	—	—	10-2823	CAPA-10-15928	GELC
R-53	9041	849.2	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.487	—	—	5.00E-02	ug/L	—	—	11-128	CAPA-10-27455	GELC
R-53	9041	849.2	07/26/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.49	—	—	5.00E-02	ug/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	849.2	04/19/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.412	—	—	5.00E-02	ug/L	—	J	10-2823	CAPA-10-15929	GELC
R-53	9041	849.2	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.531	—	—	5.00E-02	ug/L	—	—	11-128	CAPA-10-27456	GELC
R-53	9041	849.2	07/26/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.472	—	—	5.00E-02	ug/L	—	—	10-3845	CAPA-10-24174	GELC
R-53	9041	849.2	04/19/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.414	—	—	5.00E-02	ug/L	—	J	10-2823	CAPA-10-15928	GELC
R-53	9041	849.2	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.22	—	—	1.00E+00	ug/L	J	J	11-128	CAPA-10-27455	GELC
R-53	9041	849.2	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.41	—	—	1.00E+00	ug/L	J	J	10-3845	CAPA-10-24175	GELC
R-53	9041	849.2	04/19/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.5	—	—	1.00E+00	ug/L	J	J	10-2823	CAPA-10-15929	GELC
R-53	9041	849.2	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.35	—	—	1.00E+00	ug/L	J	J	11-128	CAPA-10-27456	GELC
R-53	9041	849.2	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.1	—	—	1.00E+00	ug/L	J	J	10-3845	CAPA-10-24174	GELC
R-53	9041	849.2	04/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.49	—	—	1.00E+00	ug/L	J	J	10-2823	CAPA-10-15928	GELC
R-53	9041	849.2	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	76.3	—	—	3.30E+00	ug/L	—	—	11-128	CAPA-10-27455	GELC
R-53	9041	849.2	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	221	—	—	3.30E+00	ug/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	849.2	04/19/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	7.24	—	—	3.30E+00	ug/L	J	U	10-2823	CAPA-10-15929	GELC
R-53	9041	849.2	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	83.7	—	—	3.30E+00	ug/L	—	—	11-128	CAPA-10-27456	GELC
R-53	9041	849.2	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	207	—	—	3.30E+00	ug/L	—	—	10-3845	CAPA-10-24174	GELC
R-53	9041	849.2	04/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	7.22	—	—	3.30E+00	ug/L	J	U	10-2823	CAPA-10-15928	GELC
R-53	9041	849.2	10/12/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00145	6.33E-04	3.60E-02	—	pCi/L	U	U	11-129	CAPA-10-27456	GELC
R-53	9041	849.2	07/26/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00169	8.33E-04	4.70E-02	—	pCi/L	U	U	10-3845	CAPA-10-24174	GELC
R-53	9041	849.2	04/19/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0033	7.33E-04	2.20E-02	—	pCi/L	U	U	10-2823	CAPA-10-15928	GELC
R-53	9041	849.2	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.00582	5.33E-01	5.30E+00	—	pCi/L	U	U	11-129	CAPA-10-27456	GELC
R-53	9041	849.2	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.6	4.67E-01	4.10E+00	—	pCi/L	U	U	10-3845	CAPA-10-24174	GELC
R-53	9041	849.2	04/19/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.64	5.00E-01	4.30E+00	—	pCi/L	U	U	10-2823	CAPA-10-15928	GELC
R-53	9041	849.2	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.428	5.00E-01	5.10E+00	—	pCi/L	U	U	11-129	CAPA-10-27456	GELC
R-53	9041	849.2	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0424	5.00E-01	4.70E+00	—	pCi/L	U	U	10-3845	CAPA-10-24174	GELC
R-53	9041	849.2	04/19/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.888	5.33E-01	5.40E+00	—	pCi/L	U	U	10-2823	CAPA-10-15928	GELC
R-53	9041	849.2	10/12/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.962	2.73E-01	2.90E+00	—	pCi/L	U	U	11-129	CAPA-10-27456	GELC
R-53	9041	849.2	07/26/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.361	2.07E-01	2.60E+00	—	pCi/L	U	U	10-3845	CAPA-10-24174	GELC
R-53	9041	849.2	04/19/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.984	2.47E-01	2.50E+00	—	pCi/L	U	U	10-2823	CAPA-10-15928	GELC
R-53	9041	849.2	10/12/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.1	2.80E-01	2.50E+00	—	pCi/L	U	U	11-129	CAPA-10-27456	GELC
R-53	9041	849.2	07/26/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.56	2.67E-01	2.60E+00	—	pCi/L	U	U	10-3845	CAPA-10-24174	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-53	9041	849.2	04/19/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.15	2.17E-01	2.10E+00	—	pCi/L	U	U	10-2823	CAPA-10-15928	GELC
R-53	9041	849.2	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	70.7	1.00E+01	7.90E+01	—	pCi/L	U	U	11-129	CAPA-10-27456	GELC
R-53	9041	849.2	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	23.7	3.27E+00	2.80E+01	—	pCi/L	U	U	10-3845	CAPA-10-24174	GELC
R-53	9041	849.2	04/19/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	3.38	5.67E-01	7.10E+00	—	pCi/L	U	U	10-2823	CAPA-10-15928	GELC
R-53	9041	849.2	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.015	1.17E+00	1.10E+01	—	pCi/L	U	U	11-129	CAPA-10-27456	GELC
R-53	9041	849.2	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-8.2	9.67E-01	7.60E+00	—	pCi/L	U	U	10-3845	CAPA-10-24174	GELC
R-53	9041	849.2	04/19/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.99	3.33E+00	3.40E+01	—	pCi/L	U	U	10-2823	CAPA-10-15928	GELC
R-53	9041	849.2	10/12/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0146	1.87E-03	2.40E-02	—	pCi/L	U	U	11-129	CAPA-10-27456	GELC
R-53	9041	849.2	07/26/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0081	1.50E-03	2.70E-02	—	pCi/L	U	U	10-3845	CAPA-10-24174	GELC
R-53	9041	849.2	04/19/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	6.00E-04	2.90E-02	—	pCi/L	U	U	10-2823	CAPA-10-15928	GELC
R-53	9041	849.2	10/12/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00417	1.40E-03	4.10E-02	—	pCi/L	U	U	11-129	CAPA-10-27456	GELC
R-53	9041	849.2	07/26/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00405	2.13E-03	2.70E-02	—	pCi/L	U	U	10-3845	CAPA-10-24174	GELC
R-53	9041	849.2	04/19/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	6.00E-04	2.70E-02	—	pCi/L	U	U	10-2823	CAPA-10-15928	GELC
R-53	9041	849.2	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-41.6	7.33E+00	6.40E+01	—	pCi/L	U	U	11-129	CAPA-10-27456	GELC
R-53	9041	849.2	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	66.9	6.67E+00	3.70E+01	—	pCi/L	UI	R	10-3845	CAPA-10-24174	GELC
R-53	9041	849.2	04/19/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	1.3	7.00E+00	6.80E+01	—	pCi/L	U	U	10-2823	CAPA-10-15928	GELC
R-53	9041	849.2	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.72	5.00E-01	5.60E+00	—	pCi/L	U	U	11-129	CAPA-10-27456	GELC
R-53	9041	849.2	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.725	4.67E-01	4.60E+00	—	pCi/L	U	U	10-3845	CAPA-10-24174	GELC
R-53	9041	849.2	04/19/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.13	4.67E-01	4.30E+00	—	pCi/L	U	U	10-2823	CAPA-10-15928	GELC
R-53	9041	849.2	10/12/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.118	4.33E-02	4.60E-01	—	pCi/L	U	U	11-129	CAPA-10-27456	GELC
R-53	9041	849.2	07/26/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.00321	4.33E-02	4.90E-01	—	pCi/L	U	U	10-3845	CAPA-10-24174	GELC
R-53	9041	849.2	04/19/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.235	3.33E-02	4.70E-01	—	pCi/L	U	U	10-2823	CAPA-10-15928	GELC
R-53	9041	849.2	10/12/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.264	9.33E-03	3.00E-02	—	pCi/L	—	J	11-129	CAPA-10-27456	GELC
R-53	9041	849.2	07/26/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.347	1.50E-02	1.00E-01	—	pCi/L	—	—	10-3845	CAPA-10-24174	GELC
R-53	9041	849.2	04/19/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.268	1.10E-02	5.10E-02	—	pCi/L	—	—	10-2823	CAPA-10-15928	GELC
R-53	9041	849.2	10/12/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0176	2.10E-03	2.30E-02	—	pCi/L	U	U	11-129	CAPA-10-27456	GELC
R-53	9041	849.2	07/26/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0264	3.67E-03	4.90E-02	—	pCi/L	U	U	10-3845	CAPA-10-24174	GELC
R-53	9041	849.2	04/19/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00984	1.90E-03	4.10E-02	—	pCi/L	U	U	10-2823	CAPA-10-15928	GELC
R-53	9041	849.2	10/12/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.169	7.00E-03	1.80E-02	—	pCi/L	—	—	11-129	CAPA-10-27456	GELC
R-53	9041	849.2	07/26/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.181	9.67E-03	6.20E-02	—	pCi/L	—	—	10-3845	CAPA-10-24174	GELC
R-53	9041	849.2	04/19/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.149	7.67E-03	3.70E-02	—	pCi/L	—	—	10-2823	CAPA-10-15928	GELC
R-54	8971	915	10/13/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.8	—	—	7.30E-01	mg/L	—	—	11-142	CAPA-10-27448	GELC
R-54	8971	915	07/27/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.1	—	—	7.30E-01	mg/L	—	—	10-3860	CAPA-10-24164	GELC
R-54	8971	915	06/18/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.7	—	—	7.30E-01	mg/L	—	—	10-3458	CAPA-10-18477	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.8	—	—	7.30E-01	mg/L	—	—	10-2001	CAPA-10-13094	GELC
R-54	8971	915	10/13/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.067	—	—	1.60E-02	mg/L	—	—	11-142	CAPA-10-27448	GELC
R-54	8971	915	07/27/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.017	—	—	1.60E-02	mg/L	J	U	10-3860	CAPA-10-24164	GELC
R-54	8971	915	06/18/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.052	—	—	1.60E-02	mg/L	—	U	10-3458	CAPA-10-18477	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.038	—	—	1.60E-02	mg/L	J	U	10-2001	CAPA-10-13094	GELC
R-54	8971	915	10/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.5	—	—	5.00E-02	mg/L	—	—	11-142	CAPA-10-27448	GELC
R-54	8971	915	07/27/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.5	—	—	5.00E-02	mg/L	—	—	10-3860	CAPA-10-24164	GELC
R-54	8971	915	06/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.3	—	—	5.00E-02	mg/L	—	—	10-3458	CAPA-10-18477	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.7	—	—	5.00E-02	mg/L	—	—	10-2001	CAPA-10-13094	GELC
R-54	8971	915	10/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.3	—	—	5.00E-02	mg/L	—	—	11-142	CAPA-10-27446	GELC
R-54	8971	915	07/27/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.5	—	—	5.00E-02	mg/L	—	—	10-3860	CAPA-10-24165	GELC
R-54	8971	915	06/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.5	—	—	5.00E-02	mg/L	—	—	10-3458	CAPA-10-18479	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.5	—	—	5.00E-02	mg/L	—	—	10-2001	CAPA-10-13095	GELC
R-54	8971	915	10/13/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.82	—	—	6.60E-02	mg/L	—	—	11-142	CAPA-10-27448	GELC
R-54	8971	915	07/27/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.88	—	—	6.60E-02	mg/L	—	—	10-3860	CAPA-10-24164	GELC
R-54	8971	915	06/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.84	—	—	6.60E-02	mg/L	—	—	10-3458	CAPA-10-18477	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-54	8971	915	02/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.82	—	—	6.60E-02	mg/L	—	—	10-2001	CAPA-10-13094	GELC
R-54	8971	915	10/13/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.198	—	—	3.30E-02	mg/L	—	—	11-142	CAPA-10-27448	GELC
R-54	8971	915	07/27/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.245	—	—	3.30E-02	mg/L	—	J-	10-3860	CAPA-10-24164	GELC
R-54	8971	915	06/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.233	—	—	3.30E-02	mg/L	—	—	10-3458	CAPA-10-18477	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.225	—	—	3.30E-02	mg/L	—	—	10-2001	CAPA-10-13094	GELC
R-54	8971	915	10/13/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	43.8	—	—	3.50E-01	mg/L	—	—	11-142	CAPA-10-27448	GELC
R-54	8971	915	07/27/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.9	—	—	3.50E-01	mg/L	—	—	10-3860	CAPA-10-24164	GELC
R-54	8971	915	06/18/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.1	—	—	3.50E-01	mg/L	—	—	10-3458	CAPA-10-18477	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.3	—	—	3.50E-01	mg/L	—	—	10-2001	CAPA-10-13094	GELC
R-54	8971	915	10/13/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	43.2	—	—	3.50E-01	mg/L	—	—	11-142	CAPA-10-27446	GELC
R-54	8971	915	07/27/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41	—	—	3.50E-01	mg/L	—	—	10-3860	CAPA-10-24165	GELC
R-54	8971	915	06/18/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.1	—	—	3.50E-01	mg/L	—	—	10-3458	CAPA-10-18479	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.7	—	—	3.50E-01	mg/L	—	—	10-2001	CAPA-10-13095	GELC
R-54	8971	915	10/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.07	—	—	8.50E-02	mg/L	—	—	11-142	CAPA-10-27448	GELC
R-54	8971	915	07/27/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.98	—	—	8.50E-02	mg/L	—	—	10-3860	CAPA-10-24164	GELC
R-54	8971	915	06/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.12	—	—	8.50E-02	mg/L	—	—	10-3458	CAPA-10-18477	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.02	—	—	8.50E-02	mg/L	—	—	10-2001	CAPA-10-13094	GELC
R-54	8971	915	10/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.02	—	—	8.50E-02	mg/L	—	—	11-142	CAPA-10-27446	GELC
R-54	8971	915	07/27/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.98	—	—	8.50E-02	mg/L	—	—	10-3860	CAPA-10-24165	GELC
R-54	8971	915	06/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.27	—	—	8.50E-02	mg/L	—	—	10-3458	CAPA-10-18479	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.06	—	—	8.50E-02	mg/L	—	—	10-2001	CAPA-10-13095	GELC
R-54	8971	915	10/13/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.457	—	—	5.00E-02	mg/L	—	J	11-142	CAPA-10-27448	GELC
R-54	8971	915	07/27/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.391	—	—	5.00E-02	mg/L	—	—	10-3860	CAPA-10-24164	GELC
R-54	8971	915	06/18/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.42	—	—	5.00E-02	mg/L	—	—	10-3458	CAPA-10-18477	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.39	—	—	5.00E-02	mg/L	—	—	10-2001	CAPA-10-13094	GELC
R-54	8971	915	10/13/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.284	—	—	5.00E-02	ug/L	—	J+	11-142	CAPA-10-27448	GELC
R-54	8971	915	07/27/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.276	—	—	5.00E-02	ug/L	—	—	10-3860	CAPA-10-24164	GELC
R-54	8971	915	06/18/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.304	—	—	5.00E-02	ug/L	—	—	10-3458	CAPA-10-18477	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.274	—	—	5.00E-02	ug/L	—	—	10-2001	CAPA-10-13094	GELC
R-54	8971	915	10/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.01	—	—	5.00E-02	mg/L	—	—	11-142	CAPA-10-27448	GELC
R-54	8971	915	07/27/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.86	—	—	5.00E-02	mg/L	—	—	10-3860	CAPA-10-24164	GELC
R-54	8971	915	06/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.73	—	—	5.00E-02	mg/L	—	—	10-3458	CAPA-10-18477	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.57	—	—	5.00E-02	mg/L	—	—	10-2001	CAPA-10-13094	GELC
R-54	8971	915	10/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.02	—	—	5.00E-02	mg/L	—	—	11-142	CAPA-10-27446	GELC
R-54	8971	915	07/27/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.84	—	—	5.00E-02	mg/L	—	—	10-3860	CAPA-10-24165	GELC
R-54	8971	915	06/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.83	—	—	5.00E-02	mg/L	—	—	10-3458	CAPA-10-18479	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.54	—	—	5.00E-02	mg/L	—	—	10-2001	CAPA-10-13095	GELC
R-54	8971	915	10/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	1.00E-01	mg/L	—	—	11-142	CAPA-10-27448	GELC
R-54	8971	915	07/27/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	1.00E-01	mg/L	—	—	10-3860	CAPA-10-24164	GELC
R-54	8971	915	06/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.3	—	—	1.00E-01	mg/L	—	—	10-3458	CAPA-10-18477	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.2	—	—	1.00E-01	mg/L	—	—	10-2001	CAPA-10-13094	GELC
R-54	8971	915	10/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.9	—	—	1.00E-01	mg/L	—	—	11-142	CAPA-10-27446	GELC
R-54	8971	915	07/27/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	1.00E-01	mg/L	—	—	10-3860	CAPA-10-24165	GELC
R-54	8971	915	06/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	1.00E-01	mg/L	—	—	10-3458	CAPA-10-18479	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.97	—	—	1.00E-01	mg/L	—	—	10-2001	CAPA-10-13095	GELC
R-54	8971	915	10/13/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	125	—	—	1.00E+00	uS/cm	—	—	11-142	CAPA-10-27448	GELC
R-54	8971	915	07/27/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	132	—	—	1.00E+00	uS/cm	—	—	10-3860	CAPA-10-24164	GELC
R-54	8971	915	06/18/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	127	—	—	1.00E+00	uS/cm	—	—	10-3458	CAPA-10-18477	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	122	—	—	1.00E+00	uS/cm	—	—	10-2001	CAPA-10-13094	GELC
R-54	8971	915	10/13/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.86	—	—	1.00E-01	mg/L	—	—	11-142	CAPA-10-27448	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-54	8971	915	07/27/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.07	—	—	1.00E-01	mg/L	—	—	10-3860	CAPA-10-24164	GELC
R-54	8971	915	06/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.19	—	—	1.00E-01	mg/L	—	—	10-3458	CAPA-10-18477	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.93	—	—	1.00E-01	mg/L	—	—	10-2001	CAPA-10-13094	GELC
R-54	8971	915	10/13/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	135	—	—	2.40E+00	mg/L	—	—	11-142	CAPA-10-27448	GELC
R-54	8971	915	07/27/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	132	—	—	2.40E+00	mg/L	—	—	10-3860	CAPA-10-24164	GELC
R-54	8971	915	06/18/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	142	—	—	2.40E+00	mg/L	—	J	10-3458	CAPA-10-18477	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	123	—	—	2.40E+00	mg/L	—	J	10-2001	CAPA-10-13094	GELC
R-54	8971	915	10/13/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.961	—	—	3.30E-01	mg/L	J	J	11-141	CAPA-10-27446	GELC
R-54	8971	915	07/27/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.73	—	—	3.30E-01	mg/L	J	J	10-3859	CAPA-10-24165	GELC
R-54	8971	915	06/18/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.349	—	—	3.30E-01	mg/L	J	J	10-3457	CAPA-10-18479	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.766	—	—	3.30E-01	mg/L	J	J	10-2000	CAPA-10-13095	GELC
R-54	8971	915	10/13/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.18	—	—	1.00E-02	SU	H	J-	11-142	CAPA-10-27448	GELC
R-54	8971	915	07/27/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.27	—	—	1.00E-02	SU	H	J-	10-3860	CAPA-10-24164	GELC
R-54	8971	915	06/18/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.13	—	—	1.00E-02	SU	H	J-	10-3458	CAPA-10-18477	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.92	—	—	1.00E-02	SU	H	J-	10-2001	CAPA-10-13094	GELC
R-54	8971	915	10/13/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	10.4	—	—	1.00E+00	ug/L	—	—	11-142	CAPA-10-27448	GELC
R-54	8971	915	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	10.3	—	—	1.00E+00	ug/L	—	—	10-3860	CAPA-10-24164	GELC
R-54	8971	915	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	10.3	—	—	1.00E+00	ug/L	—	—	10-3458	CAPA-10-18477	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	19.9	—	—	1.00E+00	ug/L	—	—	10-2001	CAPA-10-13094	GELC
R-54	8971	915	10/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	10.4	—	—	1.00E+00	ug/L	—	—	11-142	CAPA-10-27446	GELC
R-54	8971	915	07/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	10.3	—	—	1.00E+00	ug/L	—	—	10-3860	CAPA-10-24165	GELC
R-54	8971	915	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	10.9	—	—	1.00E+00	ug/L	—	—	10-3458	CAPA-10-18479	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19.4	—	—	1.00E+00	ug/L	—	—	10-2001	CAPA-10-13095	GELC
R-54	8971	915	10/13/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.15	—	—	2.50E+00	ug/L	J	J	11-142	CAPA-10-27448	GELC
R-54	8971	915	07/27/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.13	—	—	2.50E+00	ug/L	J	J	10-3860	CAPA-10-24164	GELC
R-54	8971	915	06/18/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.97	—	—	2.50E+00	ug/L	J	J	10-3458	CAPA-10-18477	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2001	CAPA-10-13094	GELC
R-54	8971	915	10/13/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.42	—	—	2.50E+00	ug/L	J	J	11-142	CAPA-10-27446	GELC
R-54	8971	915	07/27/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.3	—	—	2.50E+00	ug/L	J	J	10-3860	CAPA-10-24165	GELC
R-54	8971	915	06/18/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.87	—	—	2.50E+00	ug/L	J	J	10-3458	CAPA-10-18479	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.79	—	—	2.50E+00	ug/L	J	J	10-2001	CAPA-10-13095	GELC
R-54	8971	915	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-3860	CAPA-10-24164	GELC
R-54	8971	915	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-3458	CAPA-10-18477	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-2001	CAPA-10-13094	GELC
R-54	8971	915	10/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	36.5	—	—	3.00E+01	ug/L	J	J	11-142	CAPA-10-27446	GELC
R-54	8971	915	07/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	45.4	—	—	3.00E+01	ug/L	J	J	10-3860	CAPA-10-24165	GELC
R-54	8971	915	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	55.3	—	—	3.00E+01	ug/L	J	J	10-3458	CAPA-10-18479	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-2001	CAPA-10-13095	GELC
R-54	8971	915	10/13/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.17	—	—	1.00E-01	ug/L	—	J	11-142	CAPA-10-27448	GELC
R-54	8971	915	07/27/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.12	—	—	1.00E-01	ug/L	—	—	10-3860	CAPA-10-24164	GELC
R-54	8971	915	06/18/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.11	—	—	1.00E-01	ug/L	—	—	10-3458	CAPA-10-18477	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.02	—	—	1.00E-01	ug/L	—	—	10-2001	CAPA-10-13094	GELC
R-54	8971	915	10/13/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.2	—	—	1.00E-01	ug/L	—	J	11-142	CAPA-10-27446	GELC
R-54	8971	915	07/27/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.15	—	—	1.00E-01	ug/L	—	—	10-3860	CAPA-10-24165	GELC
R-54	8971	915	06/18/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.17	—	—	1.00E-01	ug/L	—	—	10-3458	CAPA-10-18479	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.991	—	—	1.00E-01	ug/L	—	—	10-2001	CAPA-10-13095	GELC
R-54	8971	915	10/13/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.01	—	—	5.00E-01	ug/L	J	J	11-142	CAPA-10-27448	GELC
R-54	8971	915	07/27/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.787	—	—	5.00E-01	ug/L	J	J	10-3860	CAPA-10-24164	GELC
R-54	8971	915	06/18/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	10-3458	CAPA-10-18477	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	10-2001	CAPA-10-13094	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-54	8971	915	10/13/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.06	—	—	5.00E-01	ug/L	J	J	11-142	CAPA-10-27446	GELC
R-54	8971	915	07/27/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.654	—	—	5.00E-01	ug/L	J	J	10-3860	CAPA-10-24165	GELC
R-54	8971	915	06/18/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.545	—	—	5.00E-01	ug/L	J	J	10-3458	CAPA-10-18479	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	10-2001	CAPA-10-13095	GELC
R-54	8971	915	10/13/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	72.6	—	—	5.30E-02	mg/L	—	—	11-142	CAPA-10-27448	GELC
R-54	8971	915	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.1	—	—	5.30E-02	mg/L	—	—	10-3860	CAPA-10-24164	GELC
R-54	8971	915	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70.5	—	—	5.30E-02	mg/L	—	—	10-3458	CAPA-10-18477	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	72.3	—	—	5.30E-02	mg/L	—	—	10-2001	CAPA-10-13094	GELC
R-54	8971	915	10/13/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	56.6	—	—	1.00E+00	ug/L	—	—	11-142	CAPA-10-27448	GELC
R-54	8971	915	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	51.8	—	—	1.00E+00	ug/L	—	—	10-3860	CAPA-10-24164	GELC
R-54	8971	915	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	50.4	—	—	1.00E+00	ug/L	—	—	10-3458	CAPA-10-18477	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	51.4	—	—	1.00E+00	ug/L	—	—	10-2001	CAPA-10-13094	GELC
R-54	8971	915	10/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	55.6	—	—	1.00E+00	ug/L	—	—	11-142	CAPA-10-27446	GELC
R-54	8971	915	07/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	51.7	—	—	1.00E+00	ug/L	—	—	10-3860	CAPA-10-24165	GELC
R-54	8971	915	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	51.4	—	—	1.00E+00	ug/L	—	—	10-3458	CAPA-10-18479	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	50.2	—	—	1.00E+00	ug/L	—	—	10-2001	CAPA-10-13095	GELC
R-54	8971	915	10/13/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.503	—	—	5.00E-02	ug/L	—	—	11-142	CAPA-10-27448	GELC
R-54	8971	915	07/27/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.401	—	—	5.00E-02	ug/L	—	—	10-3860	CAPA-10-24164	GELC
R-54	8971	915	06/18/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.474	—	—	5.00E-02	ug/L	—	U	10-3458	CAPA-10-18477	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.394	—	—	5.00E-02	ug/L	—	—	10-2001	CAPA-10-13094	GELC
R-54	8971	915	10/13/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.526	—	—	5.00E-02	ug/L	—	—	11-142	CAPA-10-27446	GELC
R-54	8971	915	07/27/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.436	—	—	5.00E-02	ug/L	—	—	10-3860	CAPA-10-24165	GELC
R-54	8971	915	06/18/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.516	—	—	5.00E-02	ug/L	—	J	10-3458	CAPA-10-18479	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.354	—	—	5.00E-02	ug/L	—	—	10-2001	CAPA-10-13095	GELC
R-54	8971	915	10/13/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.14	—	—	1.00E+00	ug/L	—	—	11-142	CAPA-10-27448	GELC
R-54	8971	915	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.26	—	—	1.00E+00	ug/L	—	—	10-3860	CAPA-10-24164	GELC
R-54	8971	915	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.88	—	—	1.00E+00	ug/L	J	J	10-3458	CAPA-10-18477	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.66	—	—	1.00E+00	ug/L	—	—	10-2001	CAPA-10-13094	GELC
R-54	8971	915	10/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.11	—	—	1.00E+00	ug/L	—	—	11-142	CAPA-10-27446	GELC
R-54	8971	915	07/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.04	—	—	1.00E+00	ug/L	—	—	10-3860	CAPA-10-24165	GELC
R-54	8971	915	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.99	—	—	1.00E+00	ug/L	J	J	10-3458	CAPA-10-18479	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.64	—	—	1.00E+00	ug/L	—	—	10-2001	CAPA-10-13095	GELC
R-54	8971	915	10/13/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00851	1.43E-03	3.40E-02	—	pCi/L	U	U	11-142	CAPA-10-27446	GELC
R-54	8971	915	07/27/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00659	1.20E-03	4.10E-02	—	pCi/L	U	U	10-3860	CAPA-10-24165	GELC
R-54	8971	915	06/18/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00517	1.10E-03	2.60E-02	—	pCi/L	U	U	10-3458	CAPA-10-18479	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	0.196	6.33E-01	5.80E+00	—	pCi/L	U	U	10-2001	CAPA-10-13095	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00326	1.37E-03	3.30E-02	—	pCi/L	U	U	10-2001	CAPA-10-13095	GELC
R-54	8971	915	10/13/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.804	5.67E-01	5.50E+00	—	pCi/L	U	U	11-142	CAPA-10-27446	GELC
R-54	8971	915	07/27/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.891	5.00E-01	4.70E+00	—	pCi/L	U	U	10-3860	CAPA-10-24165	GELC
R-54	8971	915	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	4.58	5.00E-01	5.90E+00	—	pCi/L	U	U	10-3458	CAPA-10-18479	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.548	4.67E-01	3.80E+00	—	pCi/L	U	U	10-2001	CAPA-10-13095	GELC
R-54	8971	915	10/13/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.24	4.67E-01	5.50E+00	—	pCi/L	U	U	11-142	CAPA-10-27446	GELC
R-54	8971	915	07/27/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.21	5.33E-01	5.70E+00	—	pCi/L	U	U	10-3860	CAPA-10-24165	GELC
R-54	8971	915	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.296	5.00E-01	4.90E+00	—	pCi/L	U	U	10-3458	CAPA-10-18479	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0707	3.67E-01	3.60E+00	—	pCi/L	U	U	10-2001	CAPA-10-13095	GELC
R-54	8971	915	10/13/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.426	1.87E-01	2.30E+00	—	pCi/L	U	U	11-142	CAPA-10-27446	GELC
R-54	8971	915	07/27/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.04	2.67E-01	2.70E+00	—	pCi/L	U	U	10-3860	CAPA-10-24165	GELC
R-54	8971	915	06/18/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.59	2.80E-01	2.50E+00	—	pCi/L	U	U	10-3458	CAPA-10-18479	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.0727	1.20E-01	1.80E+00	—	pCi/L	U	U	10-2001	CAPA-10-13095	GELC
R-54	8971	915	10/13/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.747	2.10E-01	2.10E+00	—	pCi/L	U	U	11-142	CAPA-10-27446	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-54	8971	915	07/27/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.47	3.00E-01	2.90E+00	—	pCi/L	U	U	10-3860	CAPA-10-24165	GELC
R-54	8971	915	06/18/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	7.86	4.67E-01	2.60E+00	—	pCi/L	—	—	10-3458	CAPA-10-18479	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.78	2.53E-01	2.40E+00	—	pCi/L	U	U	10-2001	CAPA-10-13095	GELC
R-54	8971	915	10/13/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	32.2	7.33E+00	5.40E+01	—	pCi/L	U	U	11-142	CAPA-10-27446	GELC
R-54	8971	915	07/27/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	20	2.67E+00	1.60E+01	—	pCi/L	—	U	10-3860	CAPA-10-24165	GELC
R-54	8971	915	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	12.9	1.30E+00	1.20E+01	—	pCi/L	—	—	10-3458	CAPA-10-18479	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	15.4	1.73E+00	2.10E+01	—	pCi/L	U	U	10-2001	CAPA-10-13095	GELC
R-54	8971	915	10/13/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.417	8.67E-01	8.70E+00	—	pCi/L	U	U	11-142	CAPA-10-27446	GELC
R-54	8971	915	07/27/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.433	1.07E+00	1.10E+01	—	pCi/L	U	U	10-3860	CAPA-10-24165	GELC
R-54	8971	915	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.9	9.00E-01	8.30E+00	—	pCi/L	U	U	10-3458	CAPA-10-18479	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.787	1.87E+00	1.60E+01	—	pCi/L	U	U	10-2001	CAPA-10-13095	GELC
R-54	8971	915	10/13/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00837	1.40E-03	2.40E-02	—	pCi/L	U	U	11-142	CAPA-10-27446	GELC
R-54	8971	915	07/27/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00436	1.27E-03	1.90E-02	—	pCi/L	U	U	10-3860	CAPA-10-24165	GELC
R-54	8971	915	06/18/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0097	1.47E-03	2.90E-02	—	pCi/L	U	U	10-3458	CAPA-10-18479	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.00E-03	4.90E-02	—	pCi/L	U	U	10-2001	CAPA-10-13095	GELC
R-54	8971	915	10/13/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00628	1.57E-03	4.10E-02	—	pCi/L	U	U	11-142	CAPA-10-27446	GELC
R-54	8971	915	07/27/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.03E-03	3.20E-02	—	pCi/L	U	U	10-3860	CAPA-10-24165	GELC
R-54	8971	915	06/18/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00582	1.43E-03	2.70E-02	—	pCi/L	U	U	10-3458	CAPA-10-18479	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00603	1.43E-03	3.40E-02	—	pCi/L	U	U	10-2001	CAPA-10-13095	GELC
R-54	8971	915	10/13/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	20.8	5.33E+00	5.90E+01	—	pCi/L	U	U	11-142	CAPA-10-27446	GELC
R-54	8971	915	07/27/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	46.3	7.33E+00	8.60E+01	—	pCi/L	U	U	10-3860	CAPA-10-24165	GELC
R-54	8971	915	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	37.2	6.00E+00	6.90E+01	—	pCi/L	U	U	10-3458	CAPA-10-18479	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-11.1	4.33E+00	3.90E+01	—	pCi/L	U	U	10-2001	CAPA-10-13095	GELC
R-54	8971	915	10/13/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.17	5.00E-01	5.40E+00	—	pCi/L	U	U	11-142	CAPA-10-27446	GELC
R-54	8971	915	07/27/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.41	5.00E-01	5.00E+00	—	pCi/L	U	U	10-3860	CAPA-10-24165	GELC
R-54	8971	915	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.61	4.67E-01	4.30E+00	—	pCi/L	U	U	10-3458	CAPA-10-18479	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.618	3.67E-01	3.80E+00	—	pCi/L	U	U	10-2001	CAPA-10-13095	GELC
R-54	8971	915	10/13/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0563	4.33E-02	4.70E-01	—	pCi/L	U	U	11-142	CAPA-10-27446	GELC
R-54	8971	915	07/27/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.14	5.00E-02	5.00E-01	—	pCi/L	U	U	10-3860	CAPA-10-24165	GELC
R-54	8971	915	06/18/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0324	4.33E-02	4.80E-01	—	pCi/L	U	U	10-3458	CAPA-10-18479	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.105	4.33E-02	4.70E-01	—	pCi/L	U	U	10-2001	CAPA-10-13095	GELC
R-54	8971	915	10/13/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.342	1.20E-02	3.40E-02	—	pCi/L	—	J	11-142	CAPA-10-27446	GELC
R-54	8971	915	07/27/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.342	1.43E-02	1.00E-01	—	pCi/L	—	—	10-3860	CAPA-10-24165	GELC
R-54	8971	915	06/18/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.363	1.20E-02	3.90E-02	—	pCi/L	—	—	10-3458	CAPA-10-18479	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.224	1.33E-02	9.00E-02	—	pCi/L	—	—	10-2001	CAPA-10-13095	GELC
R-54	8971	915	10/13/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00495	2.33E-03	2.60E-02	—	pCi/L	U	U	11-142	CAPA-10-27446	GELC
R-54	8971	915	07/27/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.017	2.87E-03	4.70E-02	—	pCi/L	U	U	10-3860	CAPA-10-24165	GELC
R-54	8971	915	06/18/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0157	2.00E-03	2.70E-02	—	pCi/L	U	U	10-3458	CAPA-10-18479	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00354	2.63E-03	7.10E-02	—	pCi/L	U	U	10-2001	CAPA-10-13095	GELC
R-54	8971	915	10/13/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.172	7.67E-03	2.00E-02	—	pCi/L	—	—	11-142	CAPA-10-27446	GELC
R-54	8971	915	07/27/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.169	9.00E-03	6.00E-02	—	pCi/L	—	—	10-3860	CAPA-10-24165	GELC
R-54	8971	915	06/18/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.156	7.00E-03	3.00E-02	—	pCi/L	—	—	10-3458	CAPA-10-18479	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.111	9.00E-03	6.40E-02	—	pCi/L	—	—	10-2001	CAPA-10-13095	GELC
R-54	8981	830	10/13/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.2	—	—	7.30E-01	mg/L	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	830	07/27/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	83.1	—	—	7.30E-01	mg/L	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	830	06/18/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	65.7	—	—	7.30E-01	mg/L	—	—	10-3458	CAPA-10-18475	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	63.3	—	—	7.30E-01	mg/L	—	—	10-1886	CAPA-10-12692	GELC
R-54	8981	830	10/13/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.035	—	—	1.60E-02	mg/L	J	J	11-142	CAPA-10-27445	GELC
R-54	8981	830	07/27/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.016	—	—	1.60E-02	mg/L	J	U	10-3860	CAPA-10-24161	GELC
R-54	8981	830	06/18/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.068	—	—	1.60E-02	mg/L	—	U	10-3458	CAPA-10-18475	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-54	8981	830	02/15/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.046	—	—	1.60E-02	mg/L	J	J	10-1886	CAPA-10-12692	GELC
R-54	8981	830	10/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.6	—	—	5.00E-02	mg/L	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	830	07/27/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12	—	—	5.00E-02	mg/L	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	830	06/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.31	—	—	5.00E-02	mg/L	—	—	10-3458	CAPA-10-18475	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.28	—	—	5.00E-02	mg/L	—	—	10-1886	CAPA-10-12692	GELC
R-54	8981	830	10/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.6	—	—	5.00E-02	mg/L	—	—	11-142	CAPA-10-27444	GELC
R-54	8981	830	07/27/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.7	—	—	5.00E-02	mg/L	—	—	10-3860	CAPA-10-24160	GELC
R-54	8981	830	06/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.2	—	—	5.00E-02	mg/L	—	—	10-3458	CAPA-10-18473	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.7	—	—	5.00E-02	mg/L	—	—	10-1886	CAPA-10-12691	GELC
R-54	8981	830	10/13/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.9	—	—	6.60E-02	mg/L	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	830	07/27/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.04	—	—	6.60E-02	mg/L	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	830	06/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.9	—	—	6.60E-02	mg/L	—	—	10-3458	CAPA-10-18475	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.01	—	—	6.60E-02	mg/L	—	—	10-1886	CAPA-10-12692	GELC
R-54	8981	830	10/13/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.216	—	—	3.30E-02	mg/L	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	830	07/27/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.246	—	—	3.30E-02	mg/L	—	J-	10-3860	CAPA-10-24161	GELC
R-54	8981	830	06/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.219	—	—	3.30E-02	mg/L	—	—	10-3458	CAPA-10-18475	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.241	—	—	3.30E-02	mg/L	—	—	10-1886	CAPA-10-12692	GELC
R-54	8981	830	10/13/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	55.7	—	—	3.50E-01	mg/L	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	830	07/27/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	48.5	—	—	3.50E-01	mg/L	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	830	06/18/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.6	—	—	3.50E-01	mg/L	—	—	10-3458	CAPA-10-18475	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	32	—	—	3.50E-01	mg/L	—	—	10-1886	CAPA-10-12692	GELC
R-54	8981	830	10/13/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	59.7	—	—	3.50E-01	mg/L	—	—	11-142	CAPA-10-27444	GELC
R-54	8981	830	07/27/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	47.3	—	—	3.50E-01	mg/L	—	—	10-3860	CAPA-10-24160	GELC
R-54	8981	830	06/18/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	36.8	—	—	3.50E-01	mg/L	—	—	10-3458	CAPA-10-18473	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.8	—	—	3.50E-01	mg/L	—	—	10-1886	CAPA-10-12691	GELC
R-54	8981	830	10/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.28	—	—	8.50E-02	mg/L	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	830	07/27/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.49	—	—	8.50E-02	mg/L	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	830	06/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.24	—	—	8.50E-02	mg/L	—	—	10-3458	CAPA-10-18475	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.75	—	—	8.50E-02	mg/L	—	—	10-1886	CAPA-10-12692	GELC
R-54	8981	830	10/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.66	—	—	8.50E-02	mg/L	—	—	11-142	CAPA-10-27444	GELC
R-54	8981	830	07/27/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.41	—	—	8.50E-02	mg/L	—	—	10-3860	CAPA-10-24160	GELC
R-54	8981	830	06/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.36	—	—	8.50E-02	mg/L	—	—	10-3458	CAPA-10-18473	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.64	—	—	8.50E-02	mg/L	—	—	10-1886	CAPA-10-12691	GELC
R-54	8981	830	10/13/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.279	—	—	5.00E-02	mg/L	—	J	11-142	CAPA-10-27445	GELC
R-54	8981	830	07/27/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.215	—	—	5.00E-02	mg/L	J	J	10-3860	CAPA-10-24161	GELC
R-54	8981	830	06/18/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.293	—	—	5.00E-02	mg/L	—	—	10-3458	CAPA-10-18475	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.167	—	—	5.00E-02	mg/L	J	U	10-1886	CAPA-10-12692	GELC
R-54	8981	830	10/13/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.183	—	—	5.00E-02	ug/L	J	J+	11-142	CAPA-10-27445	GELC
R-54	8981	830	07/27/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.172	—	—	5.00E-02	ug/L	J	J	10-3860	CAPA-10-24161	GELC
R-54	8981	830	06/18/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.242	—	—	5.00E-02	ug/L	—	—	10-3458	CAPA-10-18475	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.196	—	—	5.00E-02	ug/L	J	J	10-1886	CAPA-10-12692	GELC
R-54	8981	830	10/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.98	—	—	5.00E-02	mg/L	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	830	07/27/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.76	—	—	5.00E-02	mg/L	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	830	06/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.44	—	—	5.00E-02	mg/L	—	—	10-3458	CAPA-10-18475	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.04	—	—	5.00E-02	mg/L	—	J	10-1886	CAPA-10-12692	GELC
R-54	8981	830	10/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.07	—	—	5.00E-02	mg/L	—	—	11-142	CAPA-10-27444	GELC
R-54	8981	830	07/27/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.73	—	—	5.00E-02	mg/L	—	—	10-3860	CAPA-10-24160	GELC
R-54	8981	830	06/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.49	—	—	5.00E-02	mg/L	—	—	10-3458	CAPA-10-18473	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.03	—	—	5.00E-02	mg/L	—	J	10-1886	CAPA-10-12691	GELC
R-54	8981	830	10/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.1	—	—	1.00E-01	mg/L	—	—	11-142	CAPA-10-27445	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-54	8981	830	07/27/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.5	—	—	1.00E-01	mg/L	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	830	06/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.5	—	—	1.00E-01	mg/L	—	—	10-3458	CAPA-10-18475	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.9	—	—	5.00E-01	mg/L	—	—	10-1886	CAPA-10-12692	GELC
R-54	8981	830	10/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.7	—	—	1.00E-01	mg/L	—	—	11-142	CAPA-10-27444	GELC
R-54	8981	830	07/27/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.3	—	—	1.00E-01	mg/L	—	—	10-3860	CAPA-10-24160	GELC
R-54	8981	830	06/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.3	—	—	1.00E-01	mg/L	—	—	10-3458	CAPA-10-18473	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	19	—	—	5.00E-01	mg/L	—	—	10-1886	CAPA-10-12691	GELC
R-54	8981	830	10/13/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	182	—	—	1.00E+00	uS/cm	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	830	07/27/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	179	—	—	1.00E+00	uS/cm	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	830	06/18/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	137	—	—	1.00E+00	uS/cm	—	—	10-3458	CAPA-10-18475	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	137	—	—	1.00E+00	uS/cm	—	—	10-1886	CAPA-10-12692	GELC
R-54	8981	830	10/13/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.82	—	—	1.00E-01	mg/L	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	830	07/27/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.83	—	—	1.00E-01	mg/L	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	830	06/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.21	—	—	1.00E-01	mg/L	—	—	10-3458	CAPA-10-18475	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.36	—	—	1.00E-01	mg/L	H	J-	10-1886	CAPA-10-12692	GELC
R-54	8981	830	10/13/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	165	—	—	2.40E+00	mg/L	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	830	07/27/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	160	—	—	2.40E+00	mg/L	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	830	06/18/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	136	—	—	2.40E+00	mg/L	—	J	10-3458	CAPA-10-18475	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	2.40E+00	mg/L	—	—	10-1886	CAPA-10-12692	GELC
R-54	8981	830	10/13/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.27	—	—	3.30E-01	mg/L	—	—	11-141	CAPA-10-27444	GELC
R-54	8981	830	07/27/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	7.02	—	—	3.30E-01	mg/L	—	—	10-3859	CAPA-10-24160	GELC
R-54	8981	830	06/18/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.558	—	—	3.30E-01	mg/L	J	J	10-3457	CAPA-10-18473	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.71	—	—	3.30E-01	mg/L	—	—	10-1886	CAPA-10-12691	GELC
R-54	8981	830	10/13/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.2	—	—	1.00E-02	SU	H	J-	11-142	CAPA-10-27445	GELC
R-54	8981	830	07/27/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.32	—	—	1.00E-02	SU	H	J-	10-3860	CAPA-10-24161	GELC
R-54	8981	830	06/18/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.8	—	—	1.00E-02	SU	H	J-	10-3458	CAPA-10-18475	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.61	—	—	1.00E-02	SU	H	J-	10-1886	CAPA-10-12692	GELC
R-54	8981	830	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-3860	CAPA-10-24161	GELC
R-54	8981	830	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-3458	CAPA-10-18475	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	87.3	—	—	6.80E+01	ug/L	JN*	J+	10-1886	CAPA-10-12692	GELC
R-54	8981	830	10/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	95.1	—	—	6.80E+01	ug/L	J	J	11-142	CAPA-10-27444	GELC
R-54	8981	830	07/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	127	—	—	6.80E+01	ug/L	J	J	10-3860	CAPA-10-24160	GELC
R-54	8981	830	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	113	—	—	6.80E+01	ug/L	J	J	10-3458	CAPA-10-18473	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1710	—	—	6.80E+01	ug/L	N*	J+	10-1886	CAPA-10-12691	GELC
R-54	8981	830	10/13/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	14.2	—	—	1.00E+00	ug/L	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	830	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	12.1	—	—	1.00E+00	ug/L	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	830	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	13.3	—	—	1.00E+00	ug/L	—	—	10-3458	CAPA-10-18475	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.3	—	—	1.00E+00	ug/L	*	J	10-1886	CAPA-10-12692	GELC
R-54	8981	830	10/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	15.3	—	—	1.00E+00	ug/L	—	—	11-142	CAPA-10-27444	GELC
R-54	8981	830	07/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	12.4	—	—	1.00E+00	ug/L	—	—	10-3860	CAPA-10-24160	GELC
R-54	8981	830	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	14.2	—	—	1.00E+00	ug/L	—	—	10-3458	CAPA-10-18473	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	66	—	—	1.00E+00	ug/L	*	J	10-1886	CAPA-10-12691	GELC
R-54	8981	830	10/13/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.3	—	—	1.50E+01	ug/L	J	J	11-142	CAPA-10-27445	GELC
R-54	8981	830	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	16.2	—	—	1.50E+01	ug/L	J	J	10-3860	CAPA-10-24161	GELC
R-54	8981	830	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	16.2	—	—	1.50E+01	ug/L	J	J	10-3458	CAPA-10-18475	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	19	—	—	1.50E+01	ug/L	J	J	10-1886	CAPA-10-12692	GELC
R-54	8981	830	10/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.5	—	—	1.50E+01	ug/L	J	J	11-142	CAPA-10-27444	GELC
R-54	8981	830	07/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	18.2	—	—	1.50E+01	ug/L	J	J	10-3860	CAPA-10-24160	GELC
R-54	8981	830	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	18.8	—	—	1.50E+01	ug/L	J	J	10-3458	CAPA-10-18473	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	22.9	—	—	1.50E+01	ug/L	J	J	10-1886	CAPA-10-12691	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-54	8981	830	10/13/10	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	3.08	—	—	1.00E+00	ug/L	J	J	11-142	CAPA-10-27445	GELC
R-54	8981	830	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	2.16	—	—	1.00E+00	ug/L	J	J	10-3860	CAPA-10-24161	GELC
R-54	8981	830	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	1.46	—	—	1.00E+00	ug/L	J	J	10-3458	CAPA-10-18475	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	10-1886	CAPA-10-12692	GELC
R-54	8981	830	10/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	2.66	—	—	1.00E+00	ug/L	J	J	11-142	CAPA-10-27444	GELC
R-54	8981	830	07/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	1.4	—	—	1.00E+00	ug/L	J	J	10-3860	CAPA-10-24160	GELC
R-54	8981	830	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	10-3458	CAPA-10-18473	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	10-1886	CAPA-10-12691	GELC
R-54	8981	830	10/13/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	3850	—	—	3.00E+01	ug/L	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	830	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	1940	—	—	3.00E+01	ug/L	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	830	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	101	—	—	3.00E+01	ug/L	—	—	10-3458	CAPA-10-18475	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	133	—	—	3.00E+01	ug/L	N*	J+	10-1886	CAPA-10-12692	GELC
R-54	8981	830	10/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	4600	—	—	3.00E+01	ug/L	—	—	11-142	CAPA-10-27444	GELC
R-54	8981	830	07/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	2050	—	—	3.00E+01	ug/L	—	—	10-3860	CAPA-10-24160	GELC
R-54	8981	830	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	221	—	—	3.00E+01	ug/L	—	—	10-3458	CAPA-10-18473	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1890	—	—	3.00E+01	ug/L	N*	J+	10-1886	CAPA-10-12691	GELC
R-54	8981	830	10/13/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	280	—	—	2.00E+00	ug/L	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	830	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	216	—	—	2.00E+00	ug/L	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	830	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	80.2	—	—	2.00E+00	ug/L	—	—	10-3458	CAPA-10-18475	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	42.1	—	—	2.00E+00	ug/L	—	—	10-1886	CAPA-10-12692	GELC
R-54	8981	830	10/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	306	—	—	2.00E+00	ug/L	—	—	11-142	CAPA-10-27444	GELC
R-54	8981	830	07/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	204	—	—	2.00E+00	ug/L	—	—	10-3860	CAPA-10-24160	GELC
R-54	8981	830	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	79.8	—	—	2.00E+00	ug/L	—	—	10-3458	CAPA-10-18473	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	65.5	—	—	2.00E+00	ug/L	—	—	10-1886	CAPA-10-12691	GELC
R-54	8981	830	10/13/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.92	—	—	1.00E-01	ug/L	—	J	11-142	CAPA-10-27445	GELC
R-54	8981	830	07/27/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	4.03	—	—	1.00E-01	ug/L	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	830	06/18/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.42	—	—	1.00E-01	ug/L	—	—	10-3458	CAPA-10-18475	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	5.1	—	—	1.00E-01	ug/L	—	—	10-1886	CAPA-10-12692	GELC
R-54	8981	830	10/13/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	4	—	—	1.00E-01	ug/L	—	J	11-142	CAPA-10-27444	GELC
R-54	8981	830	07/27/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.77	—	—	1.00E-01	ug/L	—	—	10-3860	CAPA-10-24160	GELC
R-54	8981	830	06/18/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.39	—	—	1.00E-01	ug/L	—	—	10-3458	CAPA-10-18473	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	7.53	—	—	1.00E-01	ug/L	—	—	10-1886	CAPA-10-12691	GELC
R-54	8981	830	10/13/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.58	—	—	5.00E-01	ug/L	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	830	07/27/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.1	—	—	5.00E-01	ug/L	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	830	06/18/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.04	—	—	5.00E-01	ug/L	J	J	10-3458	CAPA-10-18475	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	8.3	—	—	5.00E-01	ug/L	N	J-	10-1886	CAPA-10-12692	GELC
R-54	8981	830	10/13/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.49	—	—	5.00E-01	ug/L	—	—	11-142	CAPA-10-27444	GELC
R-54	8981	830	07/27/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.76	—	—	5.00E-01	ug/L	—	—	10-3860	CAPA-10-24160	GELC
R-54	8981	830	06/18/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.898	—	—	5.00E-01	ug/L	J	J	10-3458	CAPA-10-18473	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	49.4	—	—	5.00E-01	ug/L	N	J-	10-1886	CAPA-10-12691	GELC
R-54	8981	830	10/13/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.1	—	—	5.30E-02	mg/L	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	830	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70	—	—	5.30E-02	mg/L	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	830	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70.7	—	—	5.30E-02	mg/L	—	—	10-3458	CAPA-10-18475	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	72.1	—	—	5.30E-02	mg/L	—	—	10-1886	CAPA-10-12692	GELC
R-54	8981	830	10/13/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	66.1	—	—	1.00E+00	ug/L	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	830	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	56.5	—	—	1.00E+00	ug/L	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	830	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	44.8	—	—	1.00E+00	ug/L	—	—	10-3458	CAPA-10-18475	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	47.2	—	—	1.00E+00	ug/L	—	—	10-1886	CAPA-10-12692	GELC
R-54	8981	830	10/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	70.6	—	—	1.00E+00	ug/L	—	—	11-142	CAPA-10-27444	GELC
R-54	8981	830	07/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	55.4	—	—	1.00E+00	ug/L	—	—	10-3860	CAPA-10-24160	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-54	8981	830	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	44.8	—	—	1.00E+00	ug/L	—	—	10-3458	CAPA-10-18473	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	80.7	—	—	1.00E+00	ug/L	—	—	10-1886	CAPA-10-12691	GELC
R-54	8981	830	10/13/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.532	—	—	5.00E-02	ug/L	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	830	07/27/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.369	—	—	5.00E-02	ug/L	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	830	06/18/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.603	—	—	5.00E-02	ug/L	—	J	10-3458	CAPA-10-18475	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.682	—	—	5.00E-02	ug/L	—	—	10-1886	CAPA-10-12692	GELC
R-54	8981	830	10/13/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.571	—	—	5.00E-02	ug/L	—	—	11-142	CAPA-10-27444	GELC
R-54	8981	830	07/27/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.421	—	—	5.00E-02	ug/L	—	—	10-3860	CAPA-10-24160	GELC
R-54	8981	830	06/18/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.671	—	—	5.00E-02	ug/L	—	J	10-3458	CAPA-10-18473	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	3.25	—	—	5.00E-02	ug/L	—	—	10-1886	CAPA-10-12691	GELC
R-54	8981	830	10/13/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	23.3	—	—	3.30E+00	ug/L	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	830	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	24.5	—	—	3.30E+00	ug/L	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	830	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	10	—	—	3.30E+00	ug/L	J	J	10-3458	CAPA-10-18475	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	60.5	—	—	3.30E+00	ug/L	—	—	10-1886	CAPA-10-12692	GELC
R-54	8981	830	10/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	29	—	—	3.30E+00	ug/L	—	—	11-142	CAPA-10-27444	GELC
R-54	8981	830	07/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	31.5	—	—	3.30E+00	ug/L	—	—	10-3860	CAPA-10-24160	GELC
R-54	8981	830	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	12.7	—	—	3.30E+00	ug/L	—	—	10-3458	CAPA-10-18473	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	186	—	—	3.30E+00	ug/L	—	—	10-1886	CAPA-10-12691	GELC
R-54	8981	830	10/13/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00167	9.67E-04	3.20E-02	—	pCi/L	U	U	11-142	CAPA-10-27444	GELC
R-54	8981	830	07/27/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0035	1.13E-03	3.50E-02	—	pCi/L	U	U	10-3860	CAPA-10-24160	GELC
R-54	8981	830	06/18/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0033	1.10E-03	2.30E-02	—	pCi/L	U	U	10-3458	CAPA-10-18473	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0132	1.90E-03	3.30E-02	—	pCi/L	U	U	10-1886	CAPA-10-12691	GELC
R-54	8981	830	10/13/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.93	5.00E-01	4.60E+00	—	pCi/L	U	U	11-142	CAPA-10-27444	GELC
R-54	8981	830	07/27/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.41	6.67E-01	5.50E+00	—	pCi/L	U	U	10-3860	CAPA-10-24160	GELC
R-54	8981	830	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.89	5.00E-01	5.50E+00	—	pCi/L	U	U	10-3458	CAPA-10-18473	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.22	4.67E-01	3.90E+00	—	pCi/L	U	U	10-1886	CAPA-10-12691	GELC
R-54	8981	830	10/13/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.36	4.33E-01	4.30E+00	—	pCi/L	U	U	11-142	CAPA-10-27444	GELC
R-54	8981	830	07/27/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.409	7.00E-01	6.80E+00	—	pCi/L	U	U	10-3860	CAPA-10-24160	GELC
R-54	8981	830	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2	5.00E-01	4.40E+00	—	pCi/L	U	U	10-3458	CAPA-10-18473	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.03	4.33E-01	4.80E+00	—	pCi/L	U	U	10-1886	CAPA-10-12691	GELC
R-54	8981	830	10/13/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.773	2.30E-01	2.50E+00	—	pCi/L	U	U	11-142	CAPA-10-27444	GELC
R-54	8981	830	07/27/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.08	3.03E-01	2.30E+00	—	pCi/L	U	U	10-3860	CAPA-10-24160	GELC
R-54	8981	830	06/18/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.35	2.83E-01	2.70E+00	—	pCi/L	U	U	10-3458	CAPA-10-18473	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	11	7.00E-01	2.30E+00	—	pCi/L	—	—	10-1886	CAPA-10-12691	GELC
R-54	8981	830	10/13/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	-0.283	2.47E-01	2.80E+00	—	pCi/L	U	U	11-142	CAPA-10-27444	GELC
R-54	8981	830	07/27/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.57	3.67E-01	3.00E+00	—	pCi/L	—	—	10-3860	CAPA-10-24160	GELC
R-54	8981	830	06/18/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.16	2.47E-01	2.40E+00	—	pCi/L	U	U	10-3458	CAPA-10-18473	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.48	3.67E-01	2.70E+00	—	pCi/L	U	U	10-1886	CAPA-10-12691	GELC
R-54	8981	830	10/13/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	50	2.27E+01	6.60E+01	—	pCi/L	U	U	11-142	CAPA-10-27444	GELC
R-54	8981	830	07/27/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	15.7	2.13E+00	1.10E+01	—	pCi/L	—	U	10-3860	CAPA-10-24160	GELC
R-54	8981	830	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	18.6	3.33E+00	5.50E+01	—	pCi/L	U	U	10-3458	CAPA-10-18473	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	48.3	5.00E+00	7.40E+01	—	pCi/L	U	U	10-1886	CAPA-10-12691	GELC
R-54	8981	830	10/13/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.22	9.67E-01	8.80E+00	—	pCi/L	U	U	11-142	CAPA-10-27444	GELC
R-54	8981	830	07/27/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.43	9.67E-01	9.20E+00	—	pCi/L	U	U	10-3860	CAPA-10-24160	GELC
R-54	8981	830	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.835	1.03E+00	1.00E+01	—	pCi/L	U	U	10-3458	CAPA-10-18473	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	9.06	4.00E+00	4.10E+01	—	pCi/L	U	U	10-1886	CAPA-10-12691	GELC
R-54	8981	830	10/13/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0102	2.03E-03	2.30E-02	—	pCi/L	U	U	11-142	CAPA-10-27444	GELC
R-54	8981	830	07/27/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0024	1.40E-03	2.10E-02	—	pCi/L	U	U	10-3860	CAPA-10-24160	GELC
R-54	8981	830	06/18/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00178	6.00E-04	2.70E-02	—	pCi/L	U	U	10-3458	CAPA-10-18473	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00282	1.63E-03	4.90E-02	—	pCi/L	U	U	10-1886	CAPA-10-12691	GELC

Table C-2 Pajarito Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-54	8981	830	10/13/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00407	1.93E-03	4.00E-02	—	pCi/L	U	U	11-142	CAPA-10-27444	GELC
R-54	8981	830	07/27/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0048	2.27E-03	3.50E-02	—	pCi/L	U	U	10-3860	CAPA-10-24160	GELC
R-54	8981	830	06/18/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00892	1.57E-03	2.50E-02	—	pCi/L	U	U	10-3458	CAPA-10-18473	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00844	1.63E-03	3.40E-02	—	pCi/L	U	U	10-1886	CAPA-10-12691	GELC
R-54	8981	830	10/13/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-7.28	6.00E+00	6.70E+01	—	pCi/L	U	U	11-142	CAPA-10-27444	GELC
R-54	8981	830	07/27/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	26.7	8.00E+00	8.60E+01	—	pCi/L	U	U	10-3860	CAPA-10-24160	GELC
R-54	8981	830	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	68.1	1.07E+01	4.40E+01	—	pCi/L	UI	R	10-3458	CAPA-10-18473	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	14.1	5.33E+00	5.60E+01	—	pCi/L	U	U	10-1886	CAPA-10-12691	GELC
R-54	8981	830	10/13/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.405	5.00E-01	5.00E+00	—	pCi/L	U	U	11-142	CAPA-10-27444	GELC
R-54	8981	830	07/27/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	3.93	6.67E-01	7.60E+00	—	pCi/L	U	U	10-3860	CAPA-10-24160	GELC
R-54	8981	830	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.11	4.33E-01	4.40E+00	—	pCi/L	U	U	10-3458	CAPA-10-18473	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.13	4.33E-01	3.40E+00	—	pCi/L	U	U	10-1886	CAPA-10-12691	GELC
R-54	8981	830	10/13/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.133	4.33E-02	4.70E-01	—	pCi/L	U	U	11-142	CAPA-10-27444	GELC
R-54	8981	830	07/27/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.399	5.33E-02	4.70E-01	—	pCi/L	U	U	10-3860	CAPA-10-24160	GELC
R-54	8981	830	06/18/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.361	5.33E-02	4.90E-01	—	pCi/L	U	U	10-3458	CAPA-10-18473	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.155	4.67E-02	4.80E-01	—	pCi/L	U	U	10-1886	CAPA-10-12691	GELC
R-54	8981	830	10/13/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.387	1.27E-02	3.20E-02	—	pCi/L	—	J	11-142	CAPA-10-27444	GELC
R-54	8981	830	07/27/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.309	1.27E-02	8.40E-02	—	pCi/L	—	—	10-3860	CAPA-10-24160	GELC
R-54	8981	830	06/18/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.442	1.63E-02	6.50E-02	—	pCi/L	—	J+	10-3458	CAPA-10-18473	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.15	4.33E-02	1.10E-01	—	pCi/L	—	—	10-1886	CAPA-10-12691	GELC
R-54	8981	830	10/13/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0462	3.67E-03	2.40E-02	—	pCi/L	—	—	11-142	CAPA-10-27444	GELC
R-54	8981	830	07/27/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0216	3.00E-03	4.00E-02	—	pCi/L	U	U	10-3860	CAPA-10-24160	GELC
R-54	8981	830	06/18/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0147	3.03E-03	4.40E-02	—	pCi/L	U	U	10-3458	CAPA-10-18473	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0419	6.33E-03	8.50E-02	—	pCi/L	U	U	10-1886	CAPA-10-12691	GELC
R-54	8981	830	10/13/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.155	6.67E-03	1.90E-02	—	pCi/L	—	—	11-142	CAPA-10-27444	GELC
R-54	8981	830	07/27/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.146	7.67E-03	5.10E-02	—	pCi/L	—	—	10-3860	CAPA-10-24160	GELC
R-54	8981	830	06/18/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.17	9.00E-03	4.90E-02	—	pCi/L	—	J+	10-3458	CAPA-10-18473	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	1.2	4.33E-02	7.60E-02	—	pCi/L	—	—	10-1886	CAPA-10-12691	GELC
R-54	8981	830	10/13/10	WG	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	—	55.4	—	—	2.00E+00	ug/L	—	—	11-141	CAPA-10-27444	GELC
R-54	8981	830	07/27/10	WG	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	—	7.3	—	—	2.10E+00	ug/L	J	J	10-3859	CAPA-10-24160	GELC
R-54	8981	830	06/18/10	WG	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	—	30	—	—	2.10E+00	ug/L	—	—	10-3457	CAPA-10-18473	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	SVOA	SW-846:8270C	Diethylphthalate	<	10	—	—	2.00E+00	ug/L	U	U	10-1886	CAPA-10-12691	GELC
R-54	8981	830	10/13/10	WG	UF	CS	—	VOA	SW-846:8260B	Toluene	—	0.27	—	—	2.50E-01	ug/L	J	J	11-141	CAPA-10-27444	GELC
R-54	8981	830	07/27/10	WG	UF	CS	—	VOA	SW-846:8260B	Toluene	<	1	—	—	2.50E-01	ug/L	U	U	10-3859	CAPA-10-24160	GELC
R-54	8981	830	06/18/10	WG	UF	CS	—	VOA	SW-846:8260B	Toluene	<	1	—	—	2.50E-01	ug/L	U	U	10-3457	CAPA-10-18473	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	VOA	SW-846:8260B	Toluene	<	1	—	—	2.50E-01	ug/L	U	U	10-1886	CAPA-10-12691	GELC

Appendix D

Analytical Chemistry Screening Results

The following pages provide lists of (1) acronyms, abbreviations, symbols, and various analytical codes, (2) analytical laboratory qualifier codes, and (3) secondary validation flag codes that may be used in Appendix D. Please note that these are comprehensive lists, and this periodic monitoring report may not include all of the acronyms, abbreviations, symbols, and codes in the lists.

The following pages also include secondary validation reason codes. Because there are over 400 secondary validation reason codes, this list is not comprehensive and includes only those codes used in this particular periodic monitoring report.

The secondary data validation summary is provided in Appendix F.

Acronyms and Abbreviations

Acronym, Abbreviation, or Symbol	Description
Miscellaneous	
%	percent
%R	percent recovery
<	Based on qualifiers, the result was a nondetection.
–	none
CB	chlorobiphenyl
CCV	continuing calibration verification
CLP	Control Laboratory Program
CRDL	contract-required detection limit
DCG	Derived Concentration Guide (DOE)
DNX	dinitroso-RDX (or hexahydro 1,3-nitro-1,3,5-triazine)
DOE	Department of Energy (U.S.)
EPA	Environmental Protection Agency (U.S.)
GC	gas chromatography
GFAA	graphite furnace atomic absorption
GFPC	gas-flow proportional counter
GW	groundwater
HMX	1,3,5,7-tetranitro-1,3,5,7-tetrazocine
HPLC	high-pressure liquid chromatography
ICPAES	inductively coupled plasma atomic (optical) emission spectroscopy
ICV	initial calibration verification
IDL	instrument detection limit
LAL	lower acceptance limit
LCS	laboratory control sample
LLEE	low-level electrolytic extraction
Lvl	level
MCL	maximum contaminant level (EPA)
MDA	minimum detectable activity
MDC	minimum detectable concentration
MDL	method detection limit

Acronyms and Abbreviations (continued)

Acronym , Abbreviation, or Symbol	Description
Miscellaneous (continued)	
MNX	mononitrosodimethylamine
MS	matrix spike
MSD	matrix spike duplicate
NM	NMWQCC
NMWQCC	New Mexico Water Quality Control Commission
PCB	polychlorinated biphenyl
PQL	practical quantitation limit
Prelim	preliminary
QC	quality control
RDX	hexahydro-1,3,5-trinitro-1,3,5-triazine
RL	reporting limit
RPD	relative percent difference
RRF	relative response factor
Scr	screening
SSC	suspended sediment concentration
SU	standard unit
TDS	total dissolved solids
TNX	trinitroso-RDX
TPU	total propagated uncertainty
UAL	upper acceptance limit
Field Matrix Codes	
WG	groundwater
WM	snowmelt
WP	persistent flow
WS	base flow
WT	storm runoff
Field Prep Codes	
F	filtered
UF	unfiltered
Field QC Type Codes	
EQB	equipment rinsate blank
FB	field blank
FD	field duplicate
FR	field rinsate
FS	field split
FTB	field trip blank
FTR	field triplicate
INB	Equipment blank taken during installation and not associated with a sampling event.

Acronyms and Abbreviations (continued)

Acronym , Abbreviation, or Symbol	Description
Field QC Type Codes (continued)	
ITB	Trip blank taken during installation and not associated with a sampling event.
NA	not applicable
PEB	performance evaluation blank
PEK	performance evaluation known
RES	resample
SS	special sampling event, data unique
SS-EQB	equipment blank of special sampling event, data unique
SS-FB	field blank of special sampling event, data unique
SS-FD	field duplicate of special sampling event, data unique
SS-FTB	field trip blank of special sampling event, data unique
Analytical Suite Codes	
ANION	anions
DIOX/FUR, Diox/Fur	dioxins and furans
DRO	diesel range organics
GAMMA, GAMMA_SPEC	gamma spectroscopy
Geninorg, GENINORG	general inorganics
GRO	gasoline range organics
GROSSA	gross alpha
GROSSB	gross beta
HERB	herbicides
HEXP	high explosives
INORGANIC	inorganics
ISOTOPE, Isotope	isotope ratios
METALS, Metals	metals
PCB	polychlorinated biphenyls
PCB_CONG, PCB Cong	PCB congeners
PEST	pesticides
PEST/PCB, PESTPCB	pesticides and PCBs
RAD, Rad	radiochemistry (not gamma)
SVOA	semivolatile organics
SVOC	semivolatile organic compounds
VOA	volatile organics
VOC	volatile organic compounds
Lab Sample Type Codes	
CS	client sample
DL	dilution
DUP	duplicate
RE	reanalysis
REDL	reanalysis dilution

Acronyms and Abbreviations (continued)

Acronym , Abbreviation, or Symbol	Description
Lab Sample Type Codes (continued)	
REDP	reanalysis duplicate
RI	reissue
TRP	triplicate
Lab Codes	
ALTC	Alta Analytical Laboratory, Inc., San Diego, CA
ARSL	American Radiation Services–Primary
CFA	Cape Fear Analytical, LLC, Wilmington, NC
C-INC	Isotope and Nuclear Chemistry Division (LANL)
COAST	Coastal Science Laboratories, Austin, TX
CST	Chemical Sciences and Technology Division (LANL)
EES6	Hydrology, Geochemistry, and Geology Group (LANL)
ESE	Environmental Sciences & Engineering, Inc., Gainesville, FL
FLD	measurement taken in field
GEL	General Engineering Laboratories, Inc.
GELC	General Engineering Laboratories, Inc., Charleston, SC
GEO	Geochron Laboratories, Boston, MA
HENV	Health and Environmental Laboratory (Johnson Controls, Northern New Mexico)
HUFFMAN	Huffman Laboratories, Inc., Golden, CO
KA	KEMRON Environmental Services, Inc., Vienna, VA
LVLI	Lionville Laboratory, Inc., Philadelphia, PA
PARA	Paragon Analytics, Inc., Salt Lake City, UT
PEC	Pacific Ecorisk Laboratories, Fairfield, CA
QESL	Quanterra Environmental Services, St. Louis, MO
QST	QST Environmental, Newberry, FL
RECRAP	RECRA Labnet, Lionville, PA
RFWC	Roy F. Weston, Inc., West Chester, PA
SGSW	Paradigm Analytical Laboratories, Inc., Wilmington, NC
SILENS	Stable Isotope Laboratory, Woods Hole, MA
STL2, STR	Severn Trent Laboratories, Inc., Richland, WA (historical)
STLA	Severn Trent Laboratories, Inc., Los Angeles, CA
STSL	Severn Trent Laboratories, Inc., St. Louis, MO
SwRI	Southwest Research Institute, San Antonio, TX
UAZ	University of Arizona, Tucson
UIL	University of Illinois, Urbana-Champaign
UMTL	University of Miami Tritium Lab

Analytical Laboratory Qualifier Codes

Code	Description
*	(Inorganic)—Duplicate analysis (relative percent difference) not within control limits.
B	(Organic) —Analyte was present in the blank and the sample. (Inorganic) —Reported value was obtained from a reading that was less than the contract-required detection limit (CRDL) but greater than or equal to the instrument detection limit (IDL).
BJ	See B code and see J code.
BJP	See B code, see J code, and see P code.
BPX	(B) (Organic)—This analyte was detected in the associated laboratory method blank and the sample. (B) (Inorganic)—The result for this analyte was greater than the IDL but less than the CRDL. (P) (Pesticides/PCBs)—The quantitative results for this analyte between the primary and secondary gas chromatography (GC) columns were greater than 25% difference. (P) (SW-846 EPA Method 8310, High-Pressure Liquid Chromatography, [HPLC] Results)—The quantitative results for this analyte between the primary and secondary HPLC columns or primary and secondary HPLC detectors were greater than 40% difference. (X) (Organic/Inorganic)—The result for this analyte should be regarded as not detected.
D	The result for this analyte was reported from a dilution.
DJ	See D code and see J code.
DNA	Did not analyze because equipment was broken.
E	(Organic) Analyte exceeded the concentration range. (Inorganic) The serial dilution was exceeded.
E*	See E code and see * code.
EJ	See E code and see J code.
EJ*	See E code, see J code, and see * code.
EJN	(E) (Organic)—The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (inductively coupled plasma atomic [optical] emission spectroscopy [ICPAES])—The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (graphite furnace atomic absorption [GFAA])—The result for this analyte failed one or more Control Laboratory Program (CLP) acceptance criteria as explained in the case narrative. (J) (Organic/General Inorganics)—The result for this analyte was greater than the method detection limit (MDL) but less than the practical quantitation limit (PQL). (N) (Organic)—The reported analyte is a tentatively identified compound (TIC). (N) (Inorganic)—The result for this analyte in the matrix spike sample was outside acceptance criteria.
EN	See E code and see N code.
EN*	(E) (Organic)—The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICPAES)—The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA)—The result for this analyte failed one or more CLP acceptance criteria as explained in the case narrative. (N) (Organic)—The reported analyte is a TIC. (N) (Inorganic)—The result for this analyte in the matrix spike sample was outside acceptance criteria. * (Inorganic)—The result for this analyte in the laboratory replicate analysis was outside acceptance criteria.

Analytical Laboratory Qualifier Codes (continued)

Code	Description
H	(Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded.
H*	(H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded. * (Organic) and (Inorganic)—The result for this analyte in the laboratory control sample (LCS) analysis was outside acceptance criteria.
HJ	See H code and see J code.
HJ*	(H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded. (J) (Organic/General Inorganics)—The result for this analyte was greater than the MDL but less than the PQL. * (Inorganic)—The result for this analyte in the laboratory replicate analysis was outside acceptance criteria.
INS	(d15N)—The d15N of nitrate is a signature of the nitrate present in a sample. Therefore, nitrate has to be present to have a signature. A d15N value cannot be given to a blank because the blank does not have nitrate. This is different from most analytical methods, where a blank is run with the designator “nondetect” or “detected, but below detection limit.”
J	(Inorganic)—The associated numerical value is an estimated quantity. (Organic)—The associated numerical value is an estimated quantity.
J*	See J code and see * code.
JB	See J code and see B code
JN	See J code and see N code.
JN*	See J code, see N code, and see * code.
JP	See J code and see P code.
N	(Inorganic)—Spiked sample recovery was not within control limits.
N*	See N code and see * code.
N*E	See N code, see * code, and see E code.
NE	See N code and see E code.
P	Percent difference between the results on the two columns during the analysis differed by more than 40%.
PJ	See P code and see J code.
U	The material was analyzed for but was not detected above the level of the associated numeric value.
U*	See U code and see * code.
UD	See U code and see D code.
UE	See U code and see E code.
UE*	See U code, see E code, and see * code.
UEN	See U code, see E code, and see N code.
UH	See U code and see H code.

Analytical Laboratory Qualifier Codes (continued)

Code	Description
UH*	(U) (Organic/Inorganic)—The result for this analyte was not detected at the specified reporting limit. (H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded. * (Inorganic)—The result for this analyte in the laboratory replicate analysis was outside acceptance criteria.
UI	(Rad) Gamma spectroscopy result should be regarded as an uncertain identification.
UN	EPA flag (Inorganic)—Compound was analyzed for but was not detected. Spiked sample recovery was not within control limits.
UN*	EPA flag (Inorganic)—See U code, see N code, and see * code.
UUI	(Rad) Gamma spectroscopy result should be regarded as an uncertain identification, and the analytical lab assigned these gamma spectroscopy results as not detected.
X	The analytical laboratory suspects the result is a nondetect despite positive quantification results.

Secondary Validation Flag Codes

Code	Description
A	The contractually required supporting documentation for this datum is absent.
I	The calculated sums are considered incomplete because of the lack of one or more congener results.
J	The analyte is classified as detected, but the reported concentration value is expected to be more uncertain than usual.
J-	The analyte is classified as detected, but the reported concentration value is expected to be more uncertain than usual with a potential negative bias.
J+	The analyte is classified as detected, but the reported concentration value is expected to be more uncertain than usual with a potential positive bias.
JN-	Presumptive evidence of the presence of the material is at an estimated quantity with a suspected negative bias.
JN+	Presumptive evidence of the presence of the material is at an estimated quantity with a suspected positive bias.
N	There is presumptive evidence of the presence of the material.
NJ	(Organic) Analyte has been tentatively identified, and the associated numerical value is estimated based upon a 1:1 response factor to the nearest eluting internal standard.
NQ	No validation qualifier flag is associated with this result, and the analyte is classified as detected.
PM	Manual review of raw data is recommended to determine if the observed noncompliances with quality acceptance criteria adversely impact data use.
R	The reported sample result is classified as rejected because of serious noncompliances regarding quality control (QC) acceptance criteria. The presence or absence of the analyte cannot be verified based on routine validation alone.
U	The analyte is classified as not detected.
UJ	The analyte is classified as not detected, with an expectation that the reported result is more uncertain than usual.

Secondary Validation Reason Codes

Code	Description
HE7c	The initial calibration verification (ICV) and/or continuing calibration verification (CCV) were recovered outside the method limits. The % difference between the ICV and CCV standard concentrations and their true values shall be calculated and must be ≤ 20%. The evaluation of CCV data applies to all CCVs that bracket samples of interest. If the % difference was reported with the wrong sign (e.g., + % difference for negative bias), document the occurrence in the data validation report and assess any infractions using the correct sign. 1. If the % difference between a measured ICV and/or CCV concentration and its true value for any analyte is > 20%, qualify all associated detects as J+. 2. If the % difference between a measured ICV and/or CCV concentration and its true value for any analyte is > 20% but ≤ 40% and negative (low bias), qualify all associated detects as J-, and if any other calibration criteria have been exceeded for that compound, qualify all associated nondetects as UJ. 3. If the % difference between a measured ICV and/or CCV concentration and its true value for any analyte is > 40% but ≤ 60% and negative, qualify all associated detects as J and all associated nondetects as UJ. 4. If the % difference between a measured ICV and/or CCV concentration and its true value for any analyte is > 60% and is negative, qualify all associated detects as J- and all associated nondetects as R.
I4a	The affected analytes are considered estimated and biased high because this analyte was identified in the method blank but was greater than 5 times.
J_LAB	Qualification of data via data validation did not occur based on QC requirements in this procedure. Adhere to the external laboratory qualifiers found within the Form I analytical data summary sheets generated by the external laboratory.
PE12f	The matrix spike/matrix spike duplicate percent recovery was > 125%. Qualify all associated detects as J+.
R5	The results for the affected analytes are considered not detected (U) because the associated sample concentration was less than or equal to the minimum detectable concentration.
SV3a	The surrogate is less than the lower acceptance limit but greater than or equal to 10 percent recovery, which indicates the potential for a low bias in the results. Follow the external laboratory limits.
SV88	Duplicate, dilution, or reanalysis.
U_LAB	Qualification of data via data validation did not occur based on QC requirements in this procedure. Adhere to the external laboratory qualifiers found within the Form I analytical data summary sheets generated by the external laboratory.
V7c	The ICV and/or CCV were recovered outside the method-specific limits.
V9	The extraction/analytical holding time is exceeded by < 2 times the published method for holding times.
V88	Duplicate, dilution, or reanalysis.

Table D-1
Previously Unreported Pajarito Groundwater Tritium

Zone	Location	Well Class	Port Depth (ft)	Date	Analyte	Field Preparation Code	Lab Sample Type Code	Field QC Type Code	Symbol	Result	Uncertainty	MDA	MDL	Unit	Analytical Method Code	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code
Alluvial	CDBO-6	SINGLE	34	08/02/10	H-3	UF	CS	—*	—	56.90	8.62	2.17124	—	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Regional	R-52	MULTI	1035.2	08/05/10	H-3	UF	CS	—	<	−0.22	0.70	2.39475	—	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-52	MULTI	1107	08/05/10	H-3	UF	CS	—	<	−0.16	0.48	1.62843	—	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Intermediate	R-37	MULTI	929.3	08/05/10	H-3	UF	CS	—	—	34.10	5.20	1.85194	—	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Regional	R-37	MULTI	1026	08/10/10	H-3	UF	CS	—	<	−0.48	0.54	1.85194	—	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-38	SINGLE	821.2	08/06/10	H-3	UF	CS	FD	<	−0.80	0.54	1.82001	—	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-38	SINGLE	821.2	08/06/10	H-3	UF	CS	—	<	−0.86	0.61	2.07545	—	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-53	MULTI	849.2	07/26/10	H-3	UF	CS	—	<	−3.74	0.86	2.39475	—	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-53	MULTI	959.7	07/26/10	H-3	UF	CS	—	<	−4.15	0.89	2.29896	—	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-56	MULTI	945	08/19/10	H-3	UF	CS	—	—	3.35	0.77	1.82001	—	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Regional	R-56	MULTI	1046.6	08/13/10	H-3	UF	CS	—	—	3.45	0.80	1.88387	—	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Regional	R-21	SINGLE	888.8	08/11/10	H-3	UF	CS	—	<	−0.48	0.57	1.9158	—	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-41	MULTI	965.3	08/09/10	H-3	UF	CS	—	<	−0.80	0.61	2.07545	—	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Alluvial	18-BG-1	SINGLE	10	07/26/10	H-3	UF	CS	—	—	33.91	5.14	1.56457	—	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Alluvial	18-MW-8	SINGLE	8	07/29/10	H-3	UF	CS	FD	—	55.78	8.46	2.10738	—	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Alluvial	18-MW-8	SINGLE	8	07/29/10	H-3	UF	CS	—	—	57.63	8.72	1.9158	—	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Alluvial	18-MW-11	SINGLE	27	07/30/10	H-3	UF	CS	—	—	55.94	8.49	2.74598	—	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Alluvial	18-MW-9	SINGLE	6	08/03/10	H-3	UF	CS	—	—	58.46	8.84	1.94773	—	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Alluvial	18-MW-18	SINGLE	12.5	07/26/10	H-3	UF	CS	—	—	40.10	6.10	1.85194	—	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Intermediate	PCI-2	SINGLE	512	08/02/10	H-3	UF	CS	PEB	<	0.57	0.80	2.65019	—	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Intermediate	R-40	MULTI	649.7	07/28/10	H-3	UF	CS	—	—	4.57	0.96	1.97966	—	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Intermediate	R-40	MULTI	751.6	07/28/10	H-3	UF	CS	—	—	17.15	2.71	2.01159	—	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Intermediate	R-23i	MULTI	400.3	06/15/10	H-3	UF	CS	—	—	93.84	14.14	1.94773	—	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Intermediate Spring	PC Spring	SPRING	—	08/05/10	H-3	UF	CS	—	—	19.92	3.07	1.69229	—	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Intermediate Spring	Homestead Spring	SPRING	—	08/10/10	H-3	UF	CS	—	—	24.5861	3.8316	2.61826	—	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Intermediate Spring	Starmer Spring	SPRING	—	08/10/10	H-3	UF	CS	—	—	22.63837	3.5123	2.26703	—	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—

Table D-1 (continued)

Zone	Location	Well Class	Port Depth (ft)	Date	Analyte	Field Preparation Code	Lab Sample Type Code	Field QC Type Code	Symbol	Result	Uncertainty	MDA	MDL	Unit	Analytical Method Code	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code
Intermediate Spring	Charlie's Spring	SPRING	—	08/10/10	H-3	UF	CS	FD	—	21.77626	3.35265	1.78808	—	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Intermediate Spring	Charlie's Spring	SPRING	—	08/10/10	H-3	UF	CS	—	—	23.66013	3.64002	1.94773	—	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Intermediate Spring	Anderson Spring	SPRING	—	08/09/10	H-3	UF	CS	—	—	8.75	1.44	1.62843	—	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Regional	R-51	MULTI	914.96	07/26/10	H-3	UF	CS	—	<	−3.45	0.80	2.20317	—	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-51	MULTI	1030.96	07/26/10	H-3	UF	CS	—	<	−3.19	0.64	1.53264	—	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-19	MULTI	1190.7	07/29/10	H-3	UF	CS	—	<	−3.42	0.80	2.26703	—	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-19	MULTI	1412.9	07/30/10	H-3	UF	CS	—	<	0.42	0.61	1.94773	—	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-40	MULTI	849.3	07/27/10	H-3	UF	CS	—	<	−3.64002	0.76632	1.97966	—	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-20	MULTI	904.6	08/03/10	H-3	UF	CS	—	<	0.47895	0.67053	2.20317	—	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-20	MULTI	1147.1	07/30/10	H-3	UF	CS	FD	<	0.44702	0.6386	2.13931	—	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-20	MULTI	1147.1	07/30/10	H-3	UF	CS	—	<	0.38316	0.54281	1.82001	—	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-54	MULTI	830	07/27/10	H-3	UF	CS	—	<	−6.80109	1.34106	3.25686	—	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-54	MULTI	915	07/27/10	H-3	UF	CS	—	<	−3.16	0.73	2.01159	—	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-32	SINGLE	867.5	08/06/10	H-3	UF	CS	—	<	−0.67	0.54	1.78808	—	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-49	MULTI	845	07/29/10	H-3	UF	CS	—	<	0.32	0.45	1.46878	—	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-49	MULTI	905.6	07/29/10	H-3	UF	CS	—	<	0.51	0.70	2.33089	—	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-39	SINGLE	859	08/12/10	H-3	UF	CS	—	—	4.41	1.02	2.39475	—	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Regional	R-23	SINGLE	816	08/12/10	H-3	UF	CS	FD	—	3.61	0.83	1.97966	—	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Regional	R-23	SINGLE	816	08/12/10	H-3	UF	CS	—	—	3.67	0.86	2.01159	—	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—

* — = None.

Table D-2
Pajarito Groundwater Radionuclides

Zone	Location	Well Class	Port Depth (ft)	Date	Analyte	Field Preparation Code	Lab Sample Type Code	Field QC Type Code	Symbol	Result	Uncertainty	MDA	Unit	Lab Code	Analytical Method Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	DOE DCG	Ratio (Result/Screening Level)	EPA MCL	Ratio (Result/Screening Level)
Alluvial	PCAO-7b2	SINGLE	10	10/21/10	GROSSA	UF	CS	—*	—	5.05	1.5	2.6	pCi/L	GELC	EPA:900	—	—	—	30	0.17	15	0.34

* — = None.

Table D-3
Pajarito Groundwater Inorganic Chemistry

Analyte	Zone	Location	Well Class	Port Depth (ft)	Date	Field Preparation Code	Field QC Type Code	Lab Sample Type Code	Symbol	Result	Uncertainty	MDL	Unit	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	EPA MCL	Ratio (Result/Screening Level)	NMWQCC Groundwater Standard	Ratio (Result/Screening Level)
Cl(-1)	Alluvial	PCAO-7b2	SINGLE	10	10/21/10	F	—*	CS	—	179	—	6.6	mg/L	GELC	—	—	—	—	—	250	0.72
Cl(-1)	Alluvial	PCAO-8	SINGLE	9.7	10/23/10	F	—	CS	—	183	—	6.6	mg/L	GELC	—	—	—	—	—	250	0.73
NO3+NO2-N	Regional	R-19	MULTI	1412.9	10/14/10	F	—	CS	—	793	—	10	mg/L	GELC	—	J	I4a	10	79.3	10	79.3
TDS	Alluvial	PCAO-8	SINGLE	9.7	10/23/10	F	—	CS	—	592	—	2.4	mg/L	GELC	—	—	—	—	—	1000	0.59

* — = None.

Table D-4
Pajarito Groundwater Perchlorate

Zone	Location	Well Class	Port Depth (ft)	Date	Field QC Type Code	Field Preparation Code	Lab Sample Type Code	Analyte	Analytical Method Code	Symbol	Result	MDL	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Lab Code
Alluvial	CDBO-6	SINGLE	34	10/15/10	—*	F	CS	ClO4	SW-846:6850	—	0.266	0.05	µg/L	1	—	—	—	GELC
Regional	R-52	MULTI	1035	10/12/10	—	F	CS	ClO4	SW-846:6850	—	0.404	0.05	µg/L	1	—	J+	PE12f	GELC
Regional	R-52	MULTI	1107	10/12/10	—	F	CS	ClO4	SW-846:6850	—	0.326	0.05	µg/L	1	—	J+	PE12f	GELC
Intermediate	R-37	MULTI	929	10/12/10	—	F	CS	ClO4	SW-846:6850	—	0.52	0.05	µg/L	1	—	J+	PE12f	GELC
Regional	R-37	MULTI	1026	10/14/10	—	F	CS	ClO4	SW-846:6850	—	0.38	0.05	µg/L	1	—	J+	PE12f	GELC
Regional	R-37	MULTI	1026	10/14/10	FD	F	CS	ClO4	SW-846:6850	—	0.347	0.05	µg/L	1	—	J+	PE12f	GELC
Regional	R-38	SINGLE	821	10/11/10	—	F	CS	ClO4	SW-846:6850	—	0.383	0.05	µg/L	1	—	J+	PE12f	GELC
Regional	R-53	MULTI	849	10/12/10	—	F	CS	ClO4	SW-846:6850	—	0.283	0.05	µg/L	1	—	J+	PE12f	GELC
Regional	R-53	MULTI	960	10/12/10	—	F	CS	ClO4	SW-846:6850	—	0.302	0.05	µg/L	1	—	J+	PE12f	GELC
Regional	R-21	SINGLE	889	10/11/10	—	F	CS	ClO4	SW-846:6850	—	0.281	0.05	µg/L	1	—	—	—	GELC
Regional	R-41	MULTI	965	10/08/10	FD	F	CS	ClO4	SW-846:6850	—	0.379	0.05	µg/L	1	—	—	—	GELC
Regional	R-41	MULTI	965	10/08/10	—	F	CS	ClO4	SW-846:6850	—	0.421	0.05	µg/L	1	—	—	—	GELC
Alluvial	PCAO-5	SINGLE	15	10/18/10	—	F	CS	ClO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Alluvial	3MAO-2	SINGLE	15	10/21/10	—	F	CS	ClO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Alluvial	PCAO-7a	SINGLE	10	10/20/10	—	F	CS	ClO4	SW-846:6850	—	0.363	0.05	µg/L	1	—	—	—	GELC
Alluvial	PCAO-7b2	SINGLE	10	10/21/10	—	F	CS	ClO4	SW-846:6850	—	0.333	0.05	µg/L	1	—	—	—	GELC
Alluvial	PCAO-7c	SINGLE	10	10/07/10	—	F	CS	ClO4	SW-846:6850	—	0.185	0.05	µg/L	1	J	J	J_LAB	GELC
Alluvial	PCAO-8	SINGLE	10	10/23/10	—	F	CS	ClO4	SW-846:6850	—	0.461	0.05	µg/L	1	—	—	—	GELC
Intermediate	03-B-13	SINGLE	22	10/22/10	—	F	CS	ClO4	SW-846:6850	—	0.134	0.05	µg/L	1	J	J	J_LAB	GELC
Intermediate	PCI-2	SINGLE	512	10/11/10	—	F	CS	ClO4	SW-846:6850	—	0.177	0.05	µg/L	1	J	J	J_LAB	GELC
Intermediate	R-19	MULTI	909	10/15/10	—	F	CS	ClO4	SW-846:6850	—	0.344	0.05	µg/L	1	—	—	—	GELC
Intermediate	R-40	MULTI	650	10/20/10	—	F	CS	ClO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Intermediate	R-40	MULTI	752	10/20/10	—	F	CS	ClO4	SW-846:6850	—	0.0881	0.05	µg/L	1	J	J	J_LAB	GELC
Intermediate	R-23i	MULTI	400	10/21/10	—	F	CS	ClO4	SW-846:6850	—	0.275	0.05	µg/L	1	—	—	—	GELC
Intermediate	R-23i	MULTI	470	10/18/10	—	F	CS	ClO4	SW-846:6850	—	0.252	0.05	µg/L	1	—	—	—	GELC
Intermediate	R-23i	MULTI	524	10/18/10	—	F	CS	ClO4	SW-846:6850	—	0.253	0.05	µg/L	1	—	—	—	GELC

Table D-4 (continued)

Zone	Location	Well Class	Port Depth (ft)	Date	Field QC Type Code	Field Preparation Code	Lab Sample Type Code	Analyte	Analytical Method Code	Symbol	Result	MDL	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Lab Code
Intermediate	R-23i	MULTI	524	10/18/10	FD	F	CS	ClO4	SW-846:6850	—	0.259	0.05	µg/L	1	—	—	—	GELC
Intermediate Spring	Kieling Spring	SPRING	—	10/08/10	—	F	CS	ClO4	SW-846:6850	—	0.479	0.05	µg/L	1	—	—	—	GELC
Intermediate Spring	Bulldog Spring	SPRING	—	10/08/10	—	F	CS	ClO4	SW-846:6850	—	0.788	0.05	µg/L	1	—	—	—	GELC
Regional	R-18	SINGLE	1358	10/21/10	—	F	CS	ClO4	SW-846:6850	—	0.241	0.05	µg/L	1	—	—	—	GELC
Regional	R-17	MULTI	1057	10/22/10	—	F	CS	ClO4	SW-846:6850	—	0.241	0.05	µg/L	1	—	—	—	GELC
Regional	R-17	MULTI	1124	10/22/10	—	F	CS	ClO4	SW-846:6850	—	0.249	0.05	µg/L	1	—	—	—	GELC
Regional	R-51	MULTI	915	10/19/10	—	F	CS	ClO4	SW-846:6850	—	0.292	0.05	µg/L	1	—	—	—	GELC
Regional	R-51	MULTI	1031	10/19/10	—	F	CS	ClO4	SW-846:6850	—	0.304	0.05	µg/L	1	—	—	—	GELC
Regional	R-19	MULTI	1191	10/15/10	—	F	CS	ClO4	SW-846:6850	—	0.242	0.05	µg/L	1	—	—	—	GELC
Regional	R-19	MULTI	1413	10/14/10	—	F	CS	ClO4	SW-846:6850	—	0.256	0.05	µg/L	1	—	—	—	GELC
Regional	R-40	MULTI	849	10/19/10	—	F	CS	ClO4	SW-846:6850	—	0.288	0.05	µg/L	1	—	—	—	GELC
Regional	R-20	MULTI	905	10/20/10	—	F	CS	ClO4	SW-846:6850	—	0.174	0.05	µg/L	1	J	J	J_LAB	GELC
Regional	R-20	MULTI	1147	10/11/10	—	F	CS	ClO4	SW-846:6850	—	0.21	0.05	µg/L	1	—	J+	PE12f	GELC
Regional	R-54	MULTI	830	10/13/10	—	F	CS	ClO4	SW-846:6850	—	0.183	0.05	µg/L	1	J	J+	PE12f	GELC
Regional	R-54	MULTI	915	10/13/10	—	F	CS	ClO4	SW-846:6850	—	0.284	0.05	µg/L	1	—	J+	PE12f	GELC
Regional	R-32	SINGLE	868	10/14/10	—	F	CS	ClO4	SW-846:6850	—	0.372	0.05	µg/L	1	—	J+	PE12f	GELC
Regional	R-49	MULTI	845	10/07/10	—	F	CS	ClO4	SW-846:6850	—	0.295	0.05	µg/L	1	—	—	—	GELC
Regional	R-49	MULTI	906	10/07/10	—	F	CS	ClO4	SW-846:6850	—	0.365	0.05	µg/L	1	—	—	—	GELC
Regional	R-39	SINGLE	859	10/08/10	—	F	CS	ClO4	SW-846:6850	—	0.334	0.05	µg/L	1	—	—	—	GELC
Regional	R-23	SINGLE	816	10/22/10	PEB	UF	CS	ClO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Regional	R-23	SINGLE	816	10/22/10	—	F	CS	ClO4	SW-846:6850	—	0.44	0.05	µg/L	1	—	—	—	GELC
Regional	R-23	SINGLE	816	10/22/10	FD	F	CS	ClO4	SW-846:6850	—	0.449	0.05	µg/L	1	—	—	—	GELC

* — = None.

Table D-5
Pajarito Groundwater Metals

Zone	Location	Well Class	Port Depth (ft)	Date	Analyte	Field Preparation Code	Lab Sample Type Code	Field QC Type Code	Symbol	Result	MDL	Unit	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	EPA MCL	Ratio (Result/Screening Level)	NMWQCC Groundwater Standard	Ratio (Result/Screening Level)
Alluvial	PCAO-5	SINGLE	14.7	10/18/10	Fe	F	CS	—*	—	12,200	30	µg/L	GELC	—	—	—	SW-846:6010B	—	—	1000	12.2
Alluvial	PCAO-5	SINGLE	14.7	10/18/10	Mn	F	CS	—	—	8350	2	µg/L	GELC	—	—	—	SW-846:6010B	—	—	200	41.75
Intermediate	03-B-13	SINGLE	21.5	10/22/10	Al	F	CS	—	—	9620	68	µg/L	GELC	—	—	—	SW-846:6010B	—	—	5000	1.92
Intermediate	03-B-13	SINGLE	21.5	10/22/10	Be	UF	CS	—	—	2.61	1	µg/L	GELC	J	J	J_LAB	SW-846:6010B	4	0.65	—	—
Intermediate	03-B-13	SINGLE	21.5	10/22/10	Fe	F	CS	—	—	5940	30	µg/L	GELC	—	—	—	SW-846:6010B	—	—	1000	5.94
Intermediate	03-B-13	SINGLE	21.5	10/22/10	Pb	UF	CS	—	—	21.8	0.5	µg/L	GELC	—	—	—	SW-846:6020	15	1.45	—	—
Intermediate	R-40	MULTI	649.7	10/20/10	Fe	F	CS	—	—	1190	30	µg/L	GELC	—	—	—	SW-846:6010B	—	—	1000	1.19
Intermediate	R-40	MULTI	649.7	10/20/10	Mn	F	CS	—	—	340	2	µg/L	GELC	—	—	—	SW-846:6010B	—	—	200	1.7
Intermediate	R-40	MULTI	751.6	10/20/10	Sb	F	CS	—	—	9.26	0.5	µg/L	GELC	—	—	—	SW-846:6020	6	1.54	—	—
Intermediate	R-40	MULTI	751.6	10/20/10	Sb	UF	CS	—	—	8.94	0.5	µg/L	GELC	—	—	—	SW-846:6020	6	1.49	—	—
Regional	R-54	MULTI	830	10/13/10	Fe	F	CS	—	—	3850	30	µg/L	GELC	—	—	—	SW-846:6010B	—	—	1000	3.85
Regional	R-54	MULTI	830	10/13/10	Mn	F	CS	—	—	280	2	µg/L	GELC	—	—	—	SW-846:6010B	—	—	200	1.4

* — = None.

Table D-6
Pajarito Groundwater Organics

Zone	Location	Well Class	Port Depth (ft)	Date	Field QC Type Code	Field Preparation Code	Lab Sample Type Code	Analytical Suite Code	Analyte	Analyte	Symbol	Result	MDL	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	Lab Code	EPA MCL	Ratio (Result/Screening Level)	EPA Regional Tap Screening Level	Ratio (Result/Screening Level)	EPA Regional Tap Screening Level	Ratio (Result/Screening Level)	NMWQCC Groundwater Standard	Ratio (Result/Screening Level)
Regional	R-52	MULTI	1035.2	10/12/10	—*	UF	CS	VOA	Acetone	67-64-1	—	4.77	3.5	µg/L	1	J	J	V7c	SW-846:8260B	GELC	—	—	—	—	22,000	—	—	—
Intermediate	R-37	MULTI	929.3	10/12/10	—	UF	CS	SVOA	Dioxane[1,4-]	123-91-1	—	4.13	2.2	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	—	—	6.7	0.62	—	—	—	—
Regional	R-37	MULTI	1026	10/14/10	FB	UF	CS	SVOA	Diethylphthalate	84-66-2	—	17.7	2.1	µg/L	1	—	—	—	SW-846:8270C	GELC	—	—	—	—	29,000	—	—	—
Regional	R-38	SINGLE	821.2	10/11/10	—	UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	—	3.53	2.1	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	6	0.59	48	0.07	—	—	—	—
Regional	R-41	MULTI	965.3	10/08/10	—	UF	CS	SVOA	Diethylphthalate	84-66-2	—	3.07	2.2	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	—	—	—	—	29,000	—	—	—
Alluvial	PCAO-5	SINGLE	14.7	10/18/10	—	UF	CS	VOA	Toluene	108-88-3	—	1.83	0.25	µg/L	1	—	—	—	SW-846:8260B	GELC	1000	—	—	—	2300	—	750	—
Intermediate	03-B-13	SINGLE	21.5	10/22/10	—	UF	CS	SVOA	Dioxane[1,4-]	123-91-1	—	64.9	2	µg/L	1	—	—	—	SW-846:8270C	GELC	—	—	6.7	9.69	—	—	—	—
Intermediate	03-B-13	SINGLE	21.5	10/22/10	—	UF	CS	VOA	Chloroform	67-66-3	—	0.67	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	80	0.01	1.9	0.35	—	—	100	0.01
Intermediate	03-B-13	SINGLE	21.5	10/22/10	—	UF	DL	VOA	Chloroform	67-66-3	—	0.74	0.5	µg/L	2	HJ	J	V88	SW-846:8260B	GELC	80	0.01	1.9	0.39	—	—	100	0.01
Intermediate	03-B-13	SINGLE	21.5	10/22/10	—	UF	CS	VOA	Dichloroethane[1,1-]	75-34-3	—	1.95	0.3	µg/L	1	—	—	—	SW-846:8260B	GELC	—	—	24	0.08	—	—	25	0.08
Intermediate	03-B-13	SINGLE	21.5	10/22/10	—	UF	DL	VOA	Dichloroethane[1,1-]	75-34-3	—	2.04	0.6	µg/L	2	H	J	V88	SW-846:8260B	GELC	—	—	24	0.09	—	—	25	0.08
Intermediate	03-B-13	SINGLE	21.5	10/22/10	—	UF	CS	VOA	Dichloroethene[1,1-]	75-35-4	—	12.7	0.3	µg/L	1	—	—	—	SW-846:8260B	GELC	7	1.81	—	—	340	0.04	5	2.54
Intermediate	03-B-13	SINGLE	21.5	10/22/10	—	UF	DL	VOA	Dichloroethene[1,1-]	75-35-4	—	13.9	0.6	µg/L	2	H	J	V88	SW-846:8260B	GELC	7	1.99	—	—	340	0.04	5	2.78
Intermediate	03-B-13	SINGLE	21.5	10/22/10	—	UF	DL	VOA	Naphthalene	91-20-3	—	1.72	0.5	µg/L	2	BJ	J	V88	SW-846:8260B	GELC	—	—	1.4	1.23	—	—	30	0.06
Intermediate	03-B-13	SINGLE	21.5	10/22/10	—	UF	DL	VOA	Trichloroethane[1,1,1-]	71-55-6	—	109	0.65	µg/L	2	H	J-	V9	SW-846:8260B	GELC	200	0.55	—	—	9100	0.01	60	1.82
Intermediate	03-B-13	SINGLE	21.5	10/22/10	—	UF	CS	VOA	Trichloroethene	79-01-6	—	1.62	0.25	µg/L	1	—	—	—	SW-846:8260B	GELC	5	0.32	20	0.08	—	—	100	0.02
Intermediate	03-B-13	SINGLE	21.5	10/22/10	—	UF	DL	VOA	Trichloroethene	79-01-6	—	1.64	0.5	µg/L	2	HJ	J	V88	SW-846:8260B	GELC	5	0.33	20	0.08	—	—	100	0.02
Intermediate	R-40	MULTI	751.6	10/20/10	—	UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	—	3.11	2.2	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	6	0.52	48	0.06	—	—	—	—
Intermediate	R-40	MULTI	751.6	10/20/10	—	UF	CS	VOA	Butanone[2-]	78-93-3	—	1.87	1.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	7100	—	—	—
Intermediate	R-40	MULTI	751.6	10/20/10	—	UF	CS	VOA	Toluene	108-88-3	—	0.84	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	1000	—	—	—	2300	—	750	—
Intermediate	R-40	MULTI	751.6	10/20/10	—	UF	CS	VOA	Trichloroethene	79-01-6	—	0.81	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	5	0.16	20	0.04	—	—	100	0.01
Intermediate	R-23i	MULTI	400.3	10/21/10	EQB	UF	CS	VOA	Butanone[2-]	78-93-3	—	1.81	1.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	7100	—	—	—
Intermediate	R-23i	MULTI	400.3	10/21/10	EQB	UF	CS	VOA	Toluene	108-88-3	—	0.38	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	1000	—	—	—	2300	—	750	—
Intermediate	R-23i	MULTI	524	10/18/10	—	UF	CS	SVOA	Diethylphthalate	84-66-2	—	4.67	2.2	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	—	—	—	—	29,000	—	—	—

Table D-6 (continued)

Zone	Location	Well Class	Port Depth (ft)	Date	Field QC Type Code	Field Preparation Code	Lab Sample Type Code	Analytical Suite Code	Analyte	Analyte	Symbol	Result	MDL	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	Lab Code	EPA MCL	Ratio (Result/Screening Level)	EPA Regional Tap Screening Level	Ratio (Result/Screening Level)	EPA Regional Tap Screening Level	Ratio (Result/Screening Level)	NMWQCC Groundwater Standard	Ratio (Result/Screening Level)
Intermediate Spring	Kieling Spring	SPRING	—	10/08/10	—	UF	CS	HEXP	HMX	2691-41-0	—	0.12	0.1	µg/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC	—	—	—	—	1800	—	—	—
Intermediate Spring	Kieling Spring	SPRING	—	10/08/10	—	UF	CS	HEXP	RDX	121-82-4	—	0.118	0.1	µg/L	2	J	J	HE7c	SW-846:8321A_MOD	GELC	—	—	6.1	0.02	—	—	—	—
Intermediate Spring	Kieling Spring	SPRING	—	10/08/10	—	UF	CS	SVOA	Diethylphthalate	84-66-2	—	3.29	2.1	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	—	—	—	—	29,000	—	—	—
Intermediate Spring	Bulldog Spring	SPRING	—	10/08/10	—	UF	CS	HEXP	Amino-2,6-dinitrotoluene[4-]	19406-51-0	—	0.125	0.1	µg/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC	—	—	—	—	73	—	—	—
Intermediate Spring	Bulldog Spring	SPRING	—	10/08/10	—	UF	CS	HEXP	HMX	2691-41-0	—	3.3	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	—	—	1800	—	—	—
Intermediate Spring	Bulldog Spring	SPRING	—	10/08/10	—	UF	CS	HEXP	RDX	121-82-4	—	3.65	0.1	µg/L	2	—	J	HE7c	SW-846:8321A_MOD	GELC	—	—	6.1	0.6	—	—	—	—
Regional	R-18 Spring	SINGLE	1358	10/21/10	—	UF	CS	HEXP	RDX	121-82-4	—	0.8	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	6.1	0.13	—	—	—	—
Regional	R-17	MULTI	1057	10/22/10	FTB	UF	CS	VOA	Bromoform	75-25-2	—	0.44	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	80	0.01	85	0.01	—	—	—	—
Regional	R-20	MULTI	904.6	10/20/10	—	UF	CS	SVOA	Diethylphthalate	84-66-2	—	10.7	2	µg/L	1	—	—	—	SW-846:8270C	GELC	—	—	—	—	29,000	—	—	—
Regional	R-20	MULTI	1147.1	10/11/10	—	UF	CS	VOA	Toluene	108-88-3	—	0.32	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	1000	—	—	—	2300	—	750	—
Regional	R-20	MULTI	1147.1	10/11/10	—	UF	CS	VOA	Trichloroethene	79-01-6	—	0.56	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	5	0.11	20	0.03	—	—	100	0.01
Regional	R-20	MULTI	1147.1	10/11/10	—	UF	CS	VOA	Xylene[1,3-]+Xylene[1,4-]	Xylene[1,3 and 1,4]	—	0.87	0.5	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	—	—	—	—
Regional	R-54	MULTI	830	10/13/10	—	UF	CS	SVOA	Diethylphthalate	84-66-2	—	55.4	2	µg/L	1	—	—	—	SW-846:8270C	GELC	—	—	—	—	29,000	—	—	—
Regional	R-54	MULTI	830	10/13/10	—	UF	CS	VOA	Toluene	108-88-3	—	0.27	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	1000	—	—	—	2300	—	750	—
Regional	R-32	SINGLE	867.5	10/14/10	—	UF	CS	SVOA	Diethylphthalate	84-66-2	—	96.3	2.1	µg/L	1	—	—	—	SW-846:8270C	GELC	—	—	—	—	29,000	—	—	—

* — = None.

Table D-7
Pajarito Surface-Water Perchlorate

Field Matrix Code	Location	Date	Field QC Type Code	Field Preparation Code	Lab Sample Type Code	Analyte	Analytical Method Code	Symbol	Result	MDL	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Lab Code
WS	Pajarito below confluences of South and North Anchor East Basin	10/08/10	—*	F	CS	ClO4	SW-846:6850	—	0.511	0.05	µg/L	1	—	—	—	GELC

* — = None.

Table D-8
Pajarito Surface-Water Metals

Field Matrix Code	Location	Date	Analyte	Field Preparation Code	Lab Sample Type Code	Field QC Type Code	Symbol	Result	MDL	Unit	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	NM Aquatic Chronic (100 mg hardness) Scr Lvl	Ratio (Result/Screening Level)
WS	Pajarito below confluences of South and North Anchor East Basin	10/08/10	Al	F	CS	—*	—	252	68	µg/L	GELC	—	—	—	SW-846:6010B	87	2.9

* — = None.

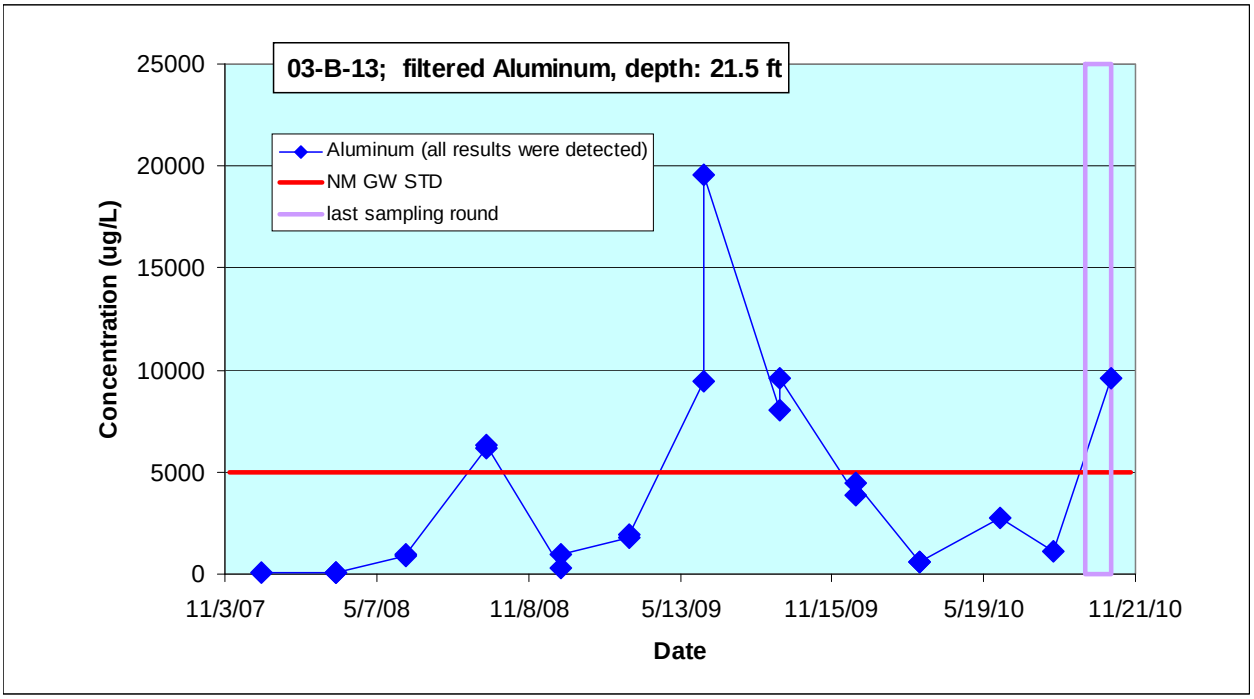
Table D-9
Pajarito Surface-Water Organics

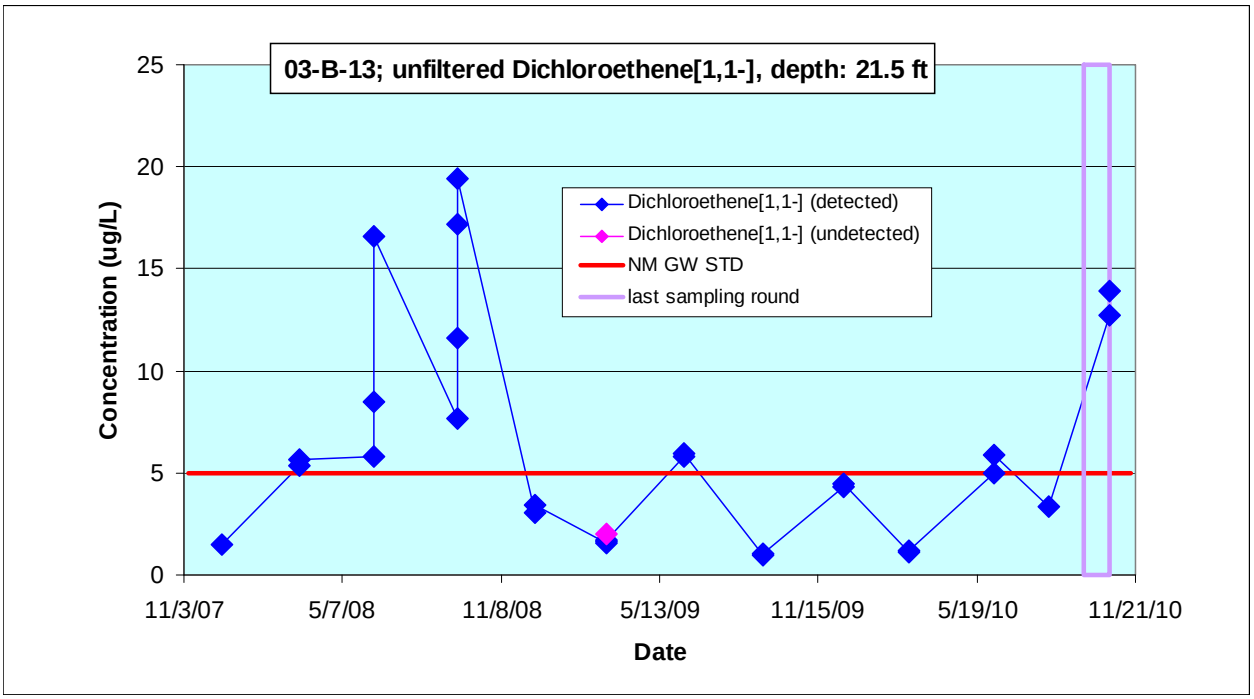
Field Matrix Code	Location	Date	Field QC Type Code	Field Preparation Code	Lab Sample Type Code	Analytical Suite Code	Analyte	Analyte	Symbol	Result	MDL	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	Lab Code	NM Human Health Scr Lvl	Ratio (Result/Screening Level)
WS	Pajarito below confluences of South and North Anchor East Basin	10/08/10	—*	UF	CS	SVOA	Diethylphthalate	84-66-2	—	24.8	2	µg/L	1	—	J-	SV3a	SW-846:8270C	GELC	44,000	—
WS	Pajarito below confluences of South and North Anchor East Basin	10/08/10	—	UF	RE	SVOA	Diethylphthalate	84-66-2	—	24.3	2	µg/L	1	—	J	SV88	SW-846:8270C	GELC	44,000	—

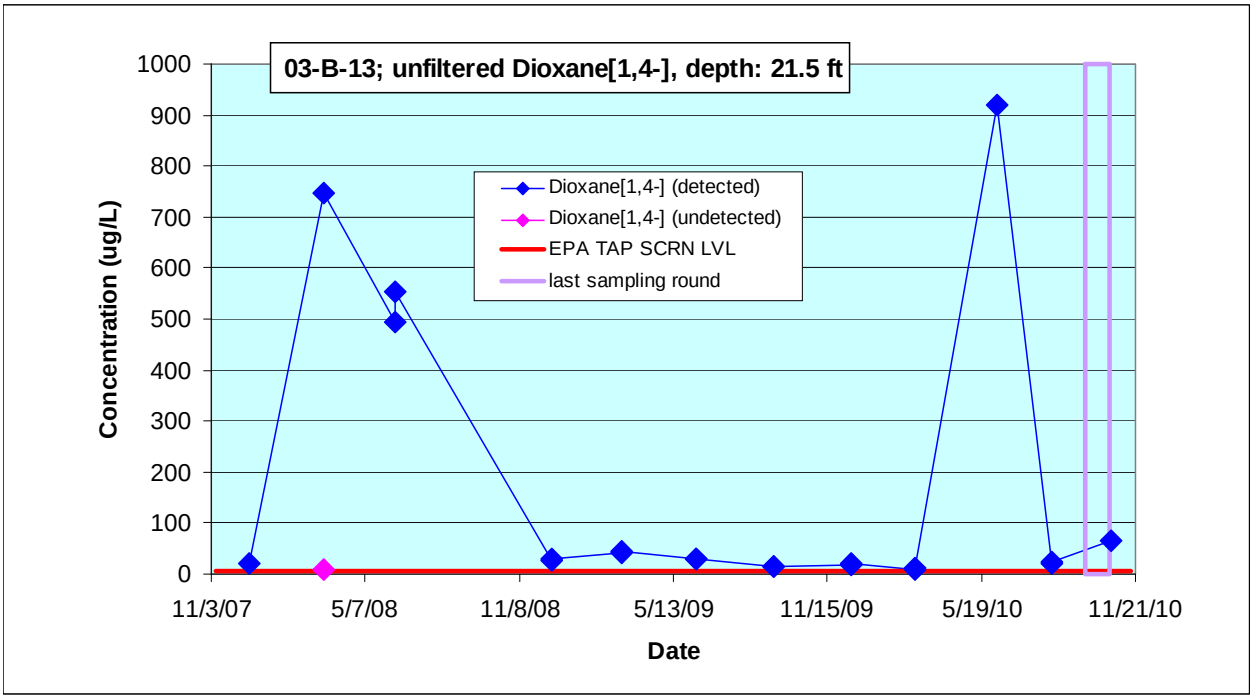
* — = None.

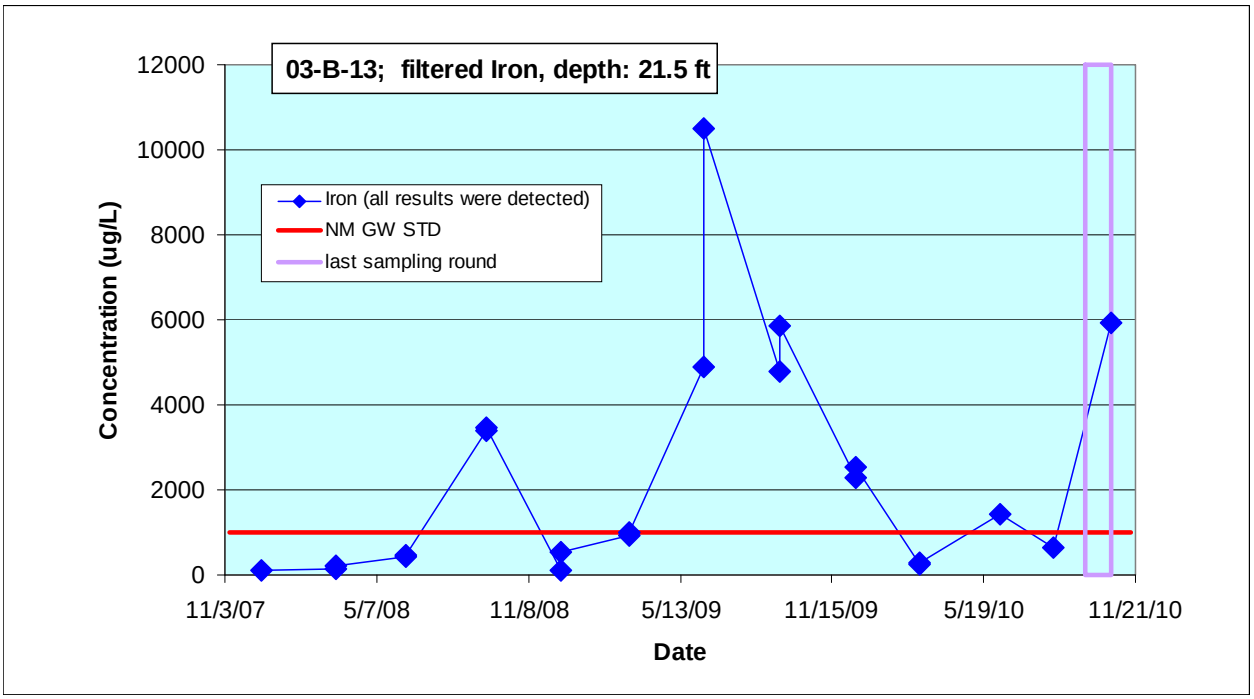
Appendix E

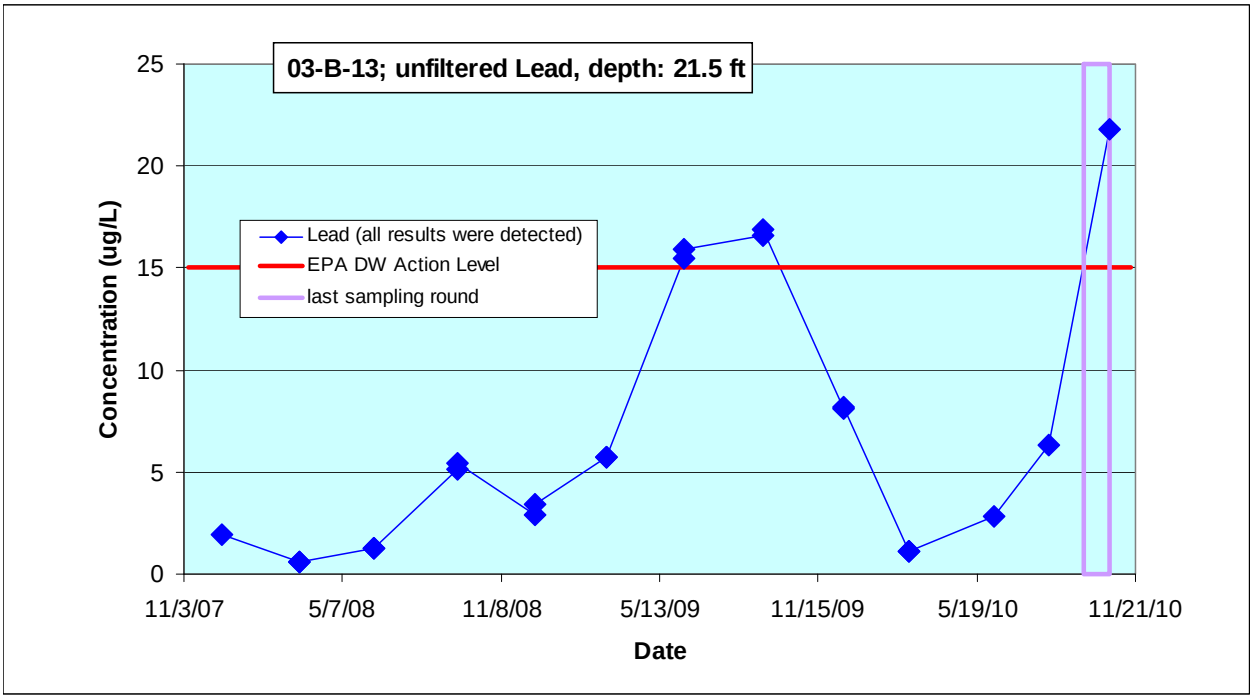
Analytical Chemistry Graphs of Screening-Level Exceedances

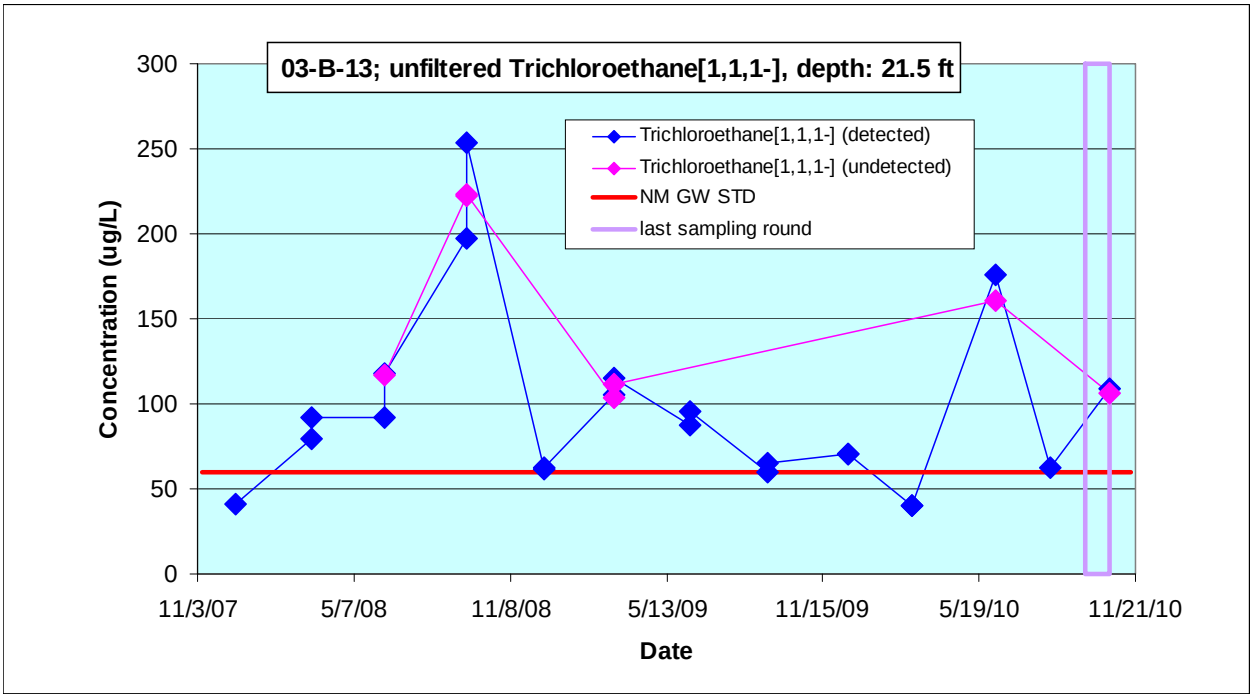

03-B-13; filtered Aluminum, depth: 21.5 ft
Aluminum (all results were detected)
NM GW STD
last sampling round
Concentration (ug/L)
25000
20000
15000
10000
5000
0
11/3/07
5/7/08
11/8/08
5/13/09
11/15/09
5/19/10
11/21/10
Date

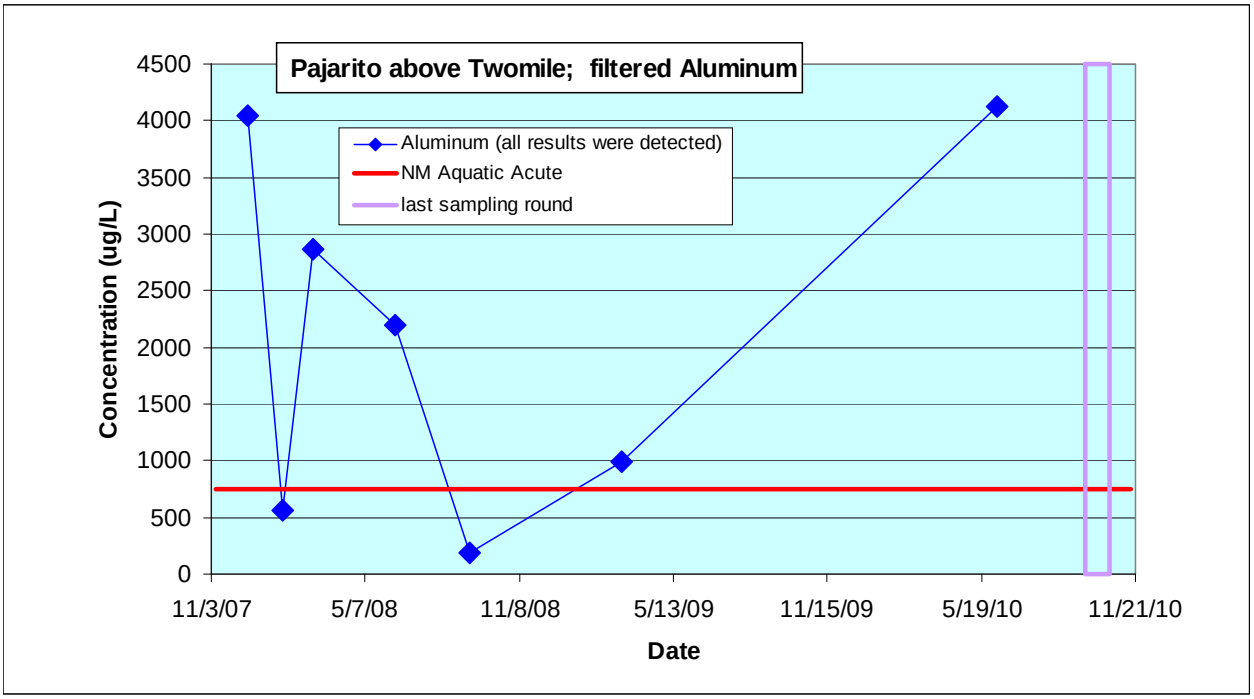

03-B-13; unfiltered Dichloroethene[1,1-], depth: 21.5 ft
Dichloroethene[1,1-] (detected)
Dichloroethene[1,1-] (undetected)
NM GW STD
last sampling round
Concentration (ug/L)
25
20
15
10
5
0
11/3/07
5/7/08
11/8/08
5/13/09
11/15/09
5/19/10
11/21/10
Date

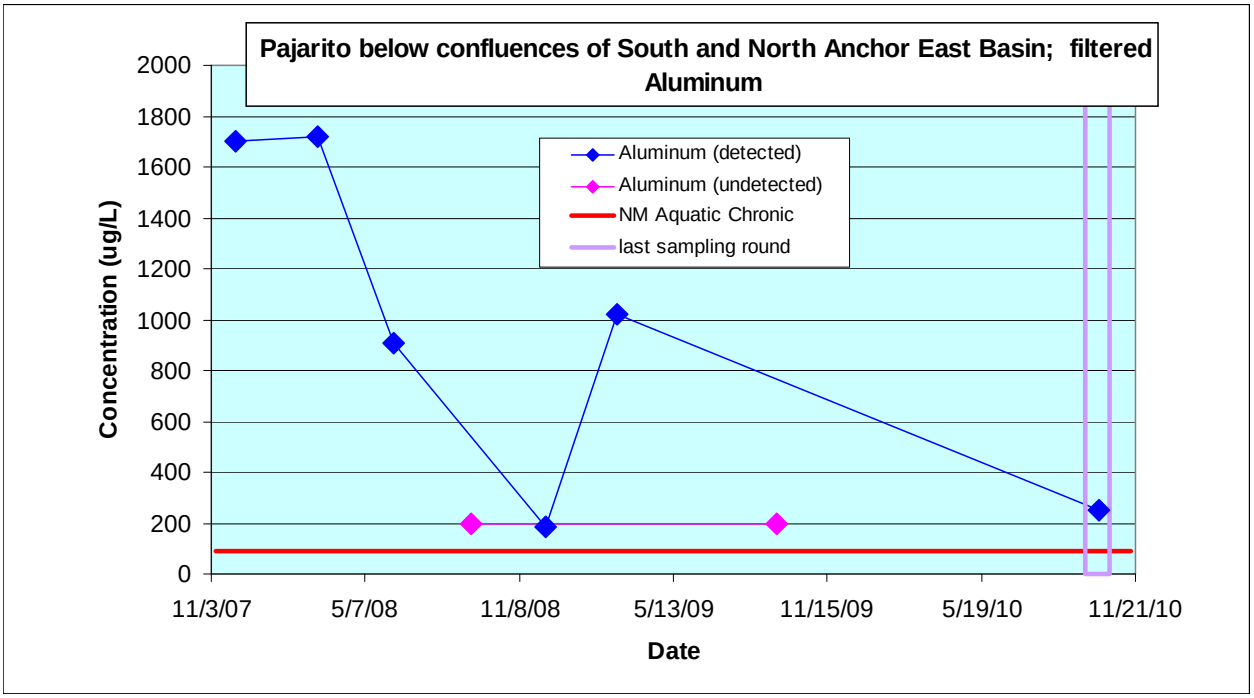

03-B-13; unfiltered Dioxane[1,4-], depth: 21.5 ft
Concentration (ug/L)
1000
900
800
700
600
500
400
300
200
100
0
Dioxane[1,4-] (detected)
Dioxane[1,4-] (undetected)
EPA TAP SCRN LVL
last sampling round
11/3/07
5/7/08
11/8/08
5/13/09
11/15/09
5/19/10
11/21/10
Date

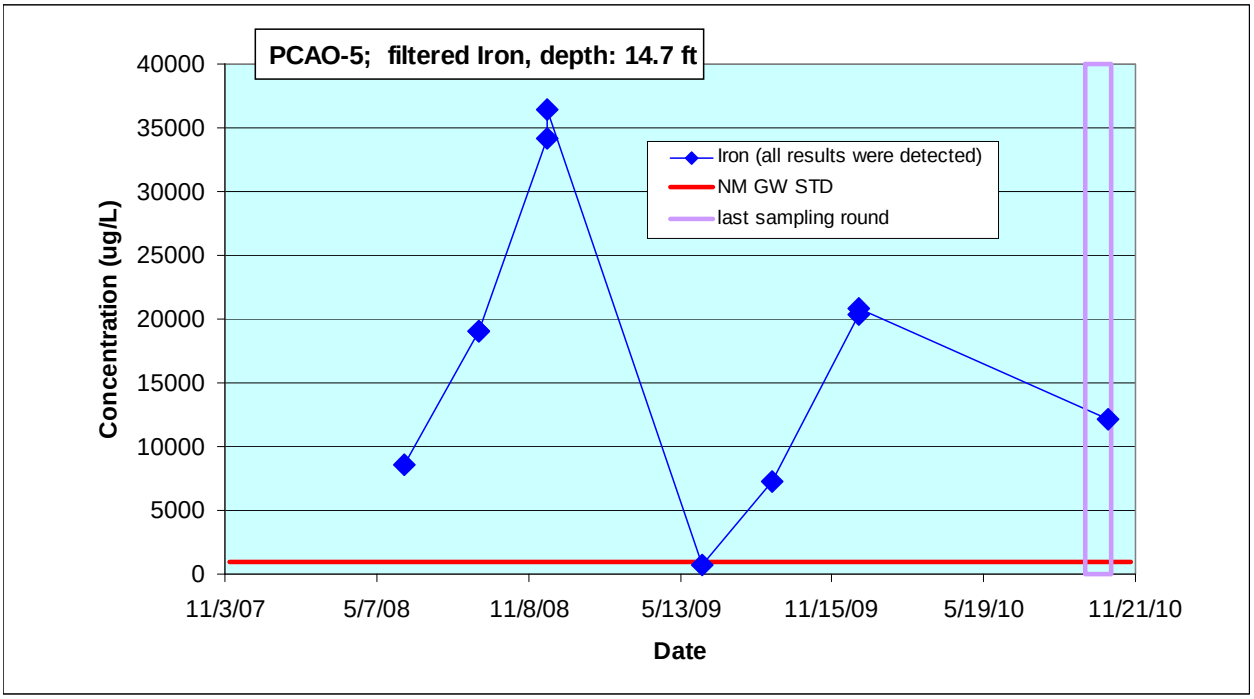

03-B-13; filtered Iron, depth: 21.5 ft
Concentration (ug/L)
12000
10000
8000
6000
4000
2000
0
Iron (all results were detected)
NM GW STD
last sampling round
11/3/07
5/7/08
11/8/08
5/13/09
11/15/09
5/19/10
11/21/10
Date

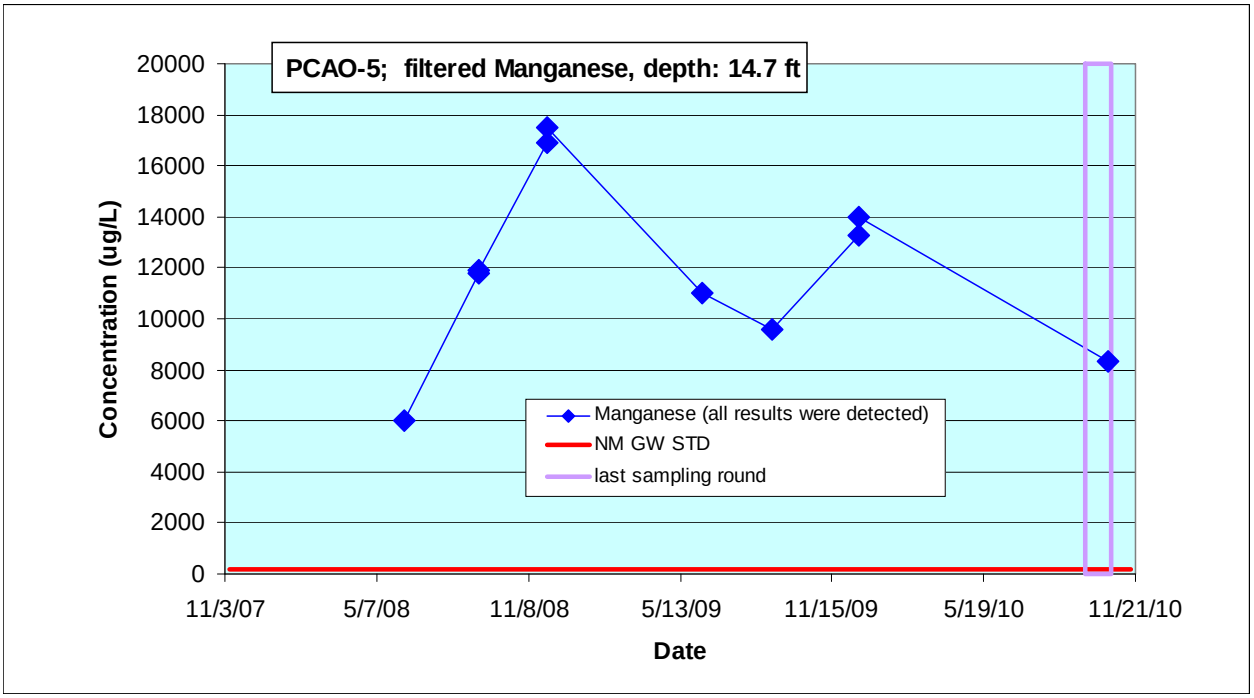

03-B-13; unfiltered Lead, depth: 21.5 ft
Concentration (ug/L)
25
20
15
10
5
0
Lead (all results were detected)
EPA DW Action Level
last sampling round
11/3/07
5/7/08
11/8/08
5/13/09
11/15/09
5/19/10
11/21/10
Date

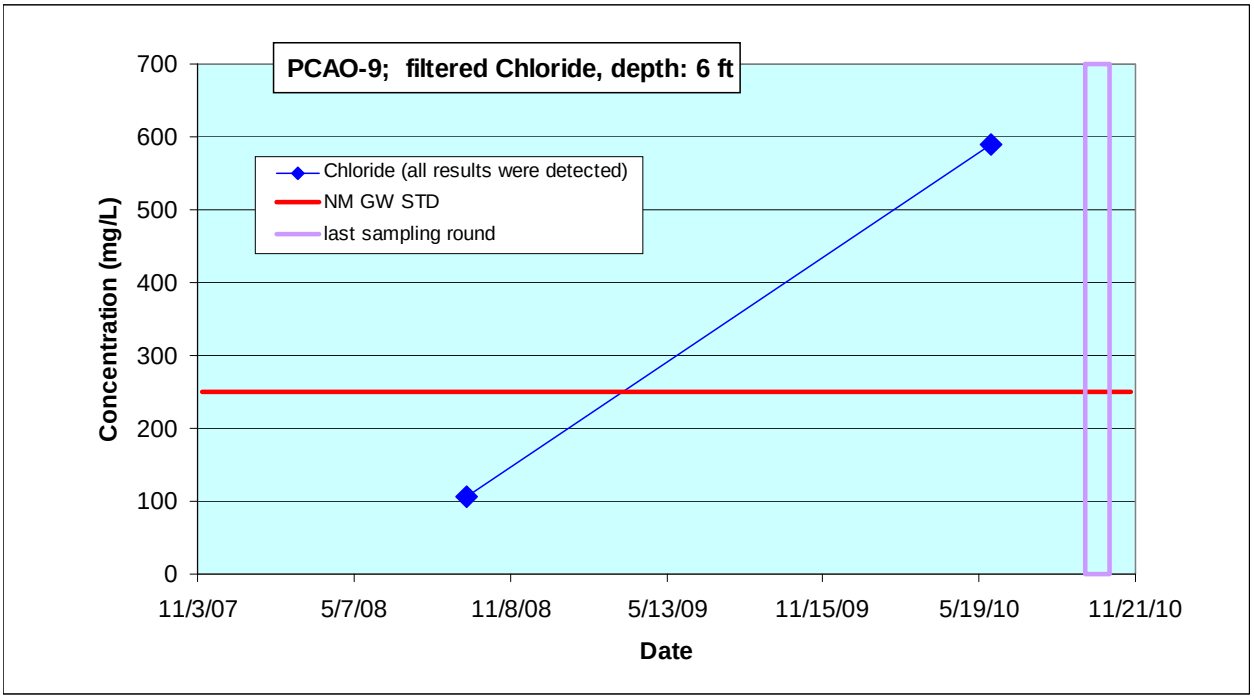

03-B-13; unfiltered Trichloroethane[1,1,1-], depth: 21.5 ft
Concentration (ug/L)
300
250
200
150
100
50
0
Trichloroethane[1,1,1-] (detected)
Trichloroethane[1,1,1-] (undetected)
NM GW STD
last sampling round
11/3/07
5/7/08
11/8/08
5/13/09
11/15/09
5/19/10
11/21/10
Date

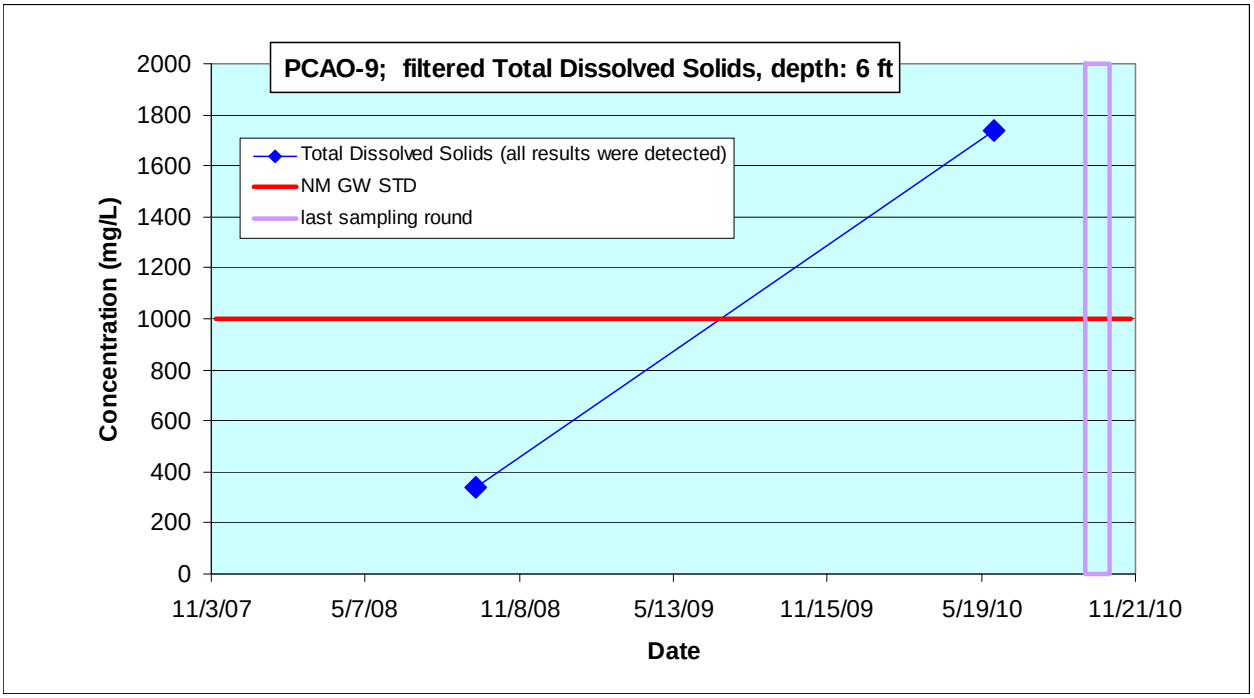

Pajarito above Twomile; filtered Aluminum
Aluminum (all results were detected)
NM Aquatic Acute
last sampling round
Concentration (ug/L)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
11/3/07
5/7/08
11/8/08
5/13/09
11/15/09
5/19/10
11/21/10
Date

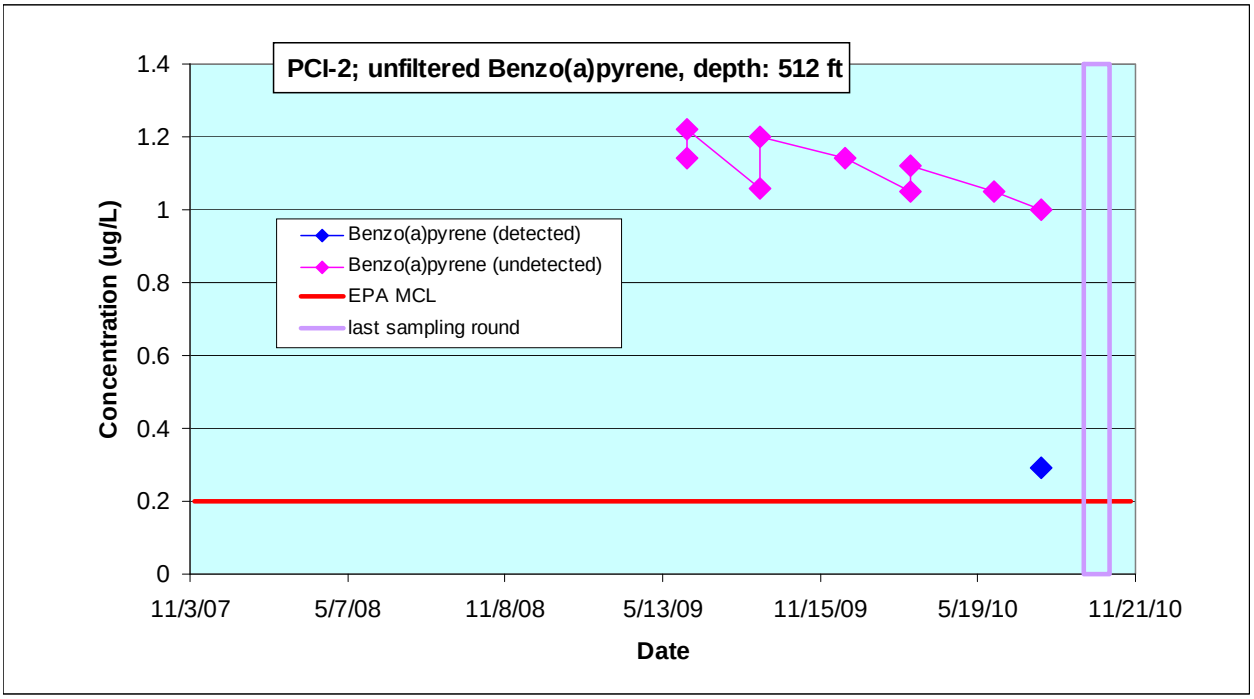

Pajarito below confluences of South and North Anchor East Basin; filtered Aluminum
Aluminum (detected)
Aluminum (undetected)
NM Aquatic Chronic
last sampling round
Concentration (ug/L)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
11/3/07
5/7/08
11/8/08
5/13/09
11/15/09
5/19/10
11/21/10
Date

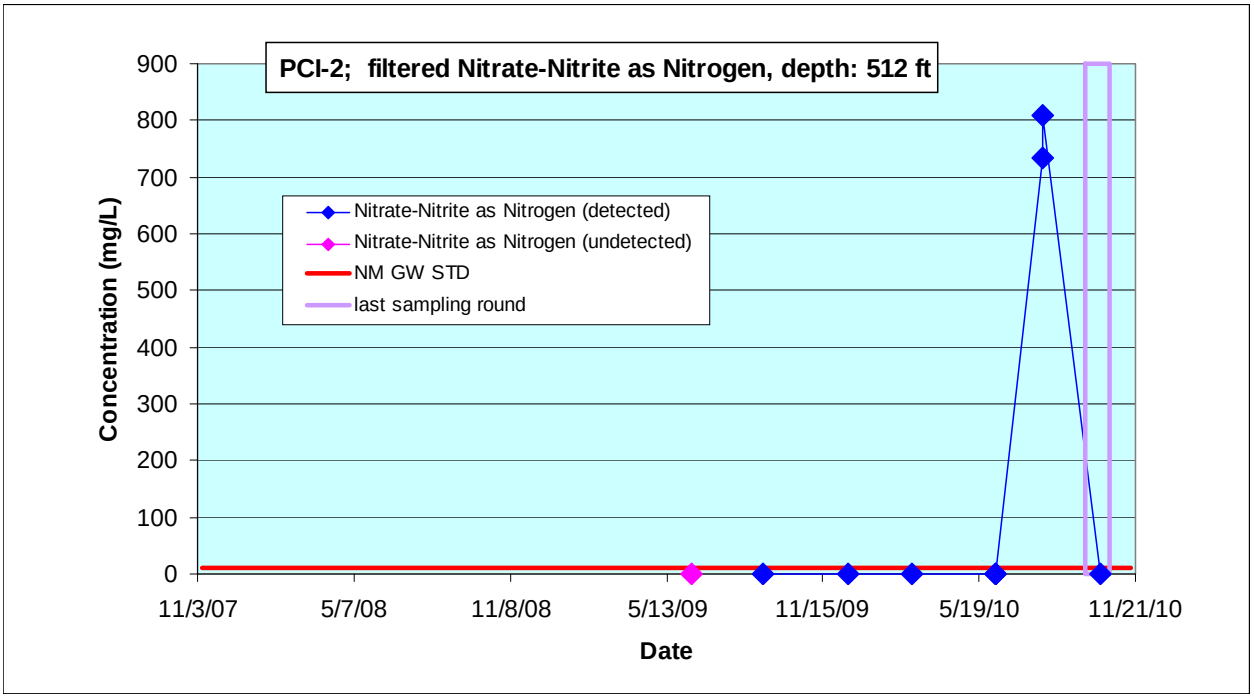

PCAO-5; filtered Iron, depth: 14.7 ft
Concentration (ug/L)
40000
35000
30000
25000
20000
15000
10000
5000
0
11/3/07
5/7/08
11/8/08
5/13/09
11/15/09
5/19/10
11/21/10
Date
Iron (all results were detected)
NM GW STD
last sampling round

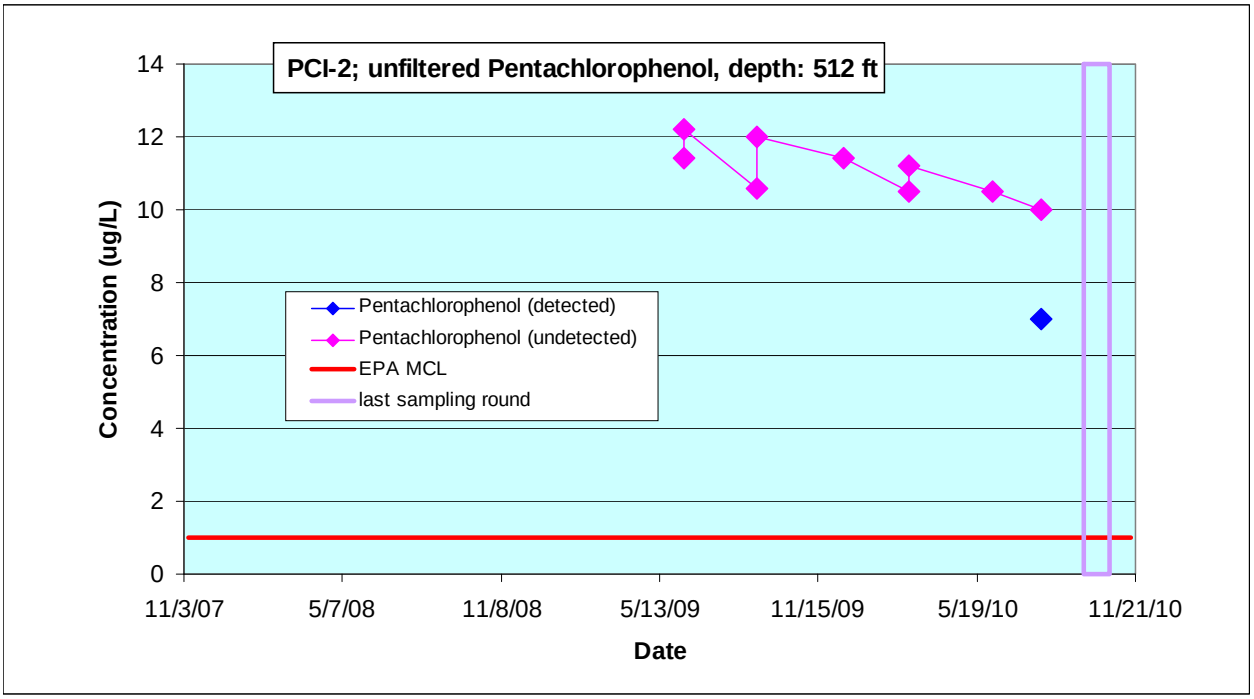

PCAO-5; filtered Manganese, depth: 14.7 ft
Concentration (ug/L)
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
11/3/07
5/7/08
11/8/08
5/13/09
11/15/09
5/19/10
11/21/10
Date
Manganese (all results were detected)
NM GW STD
last sampling round

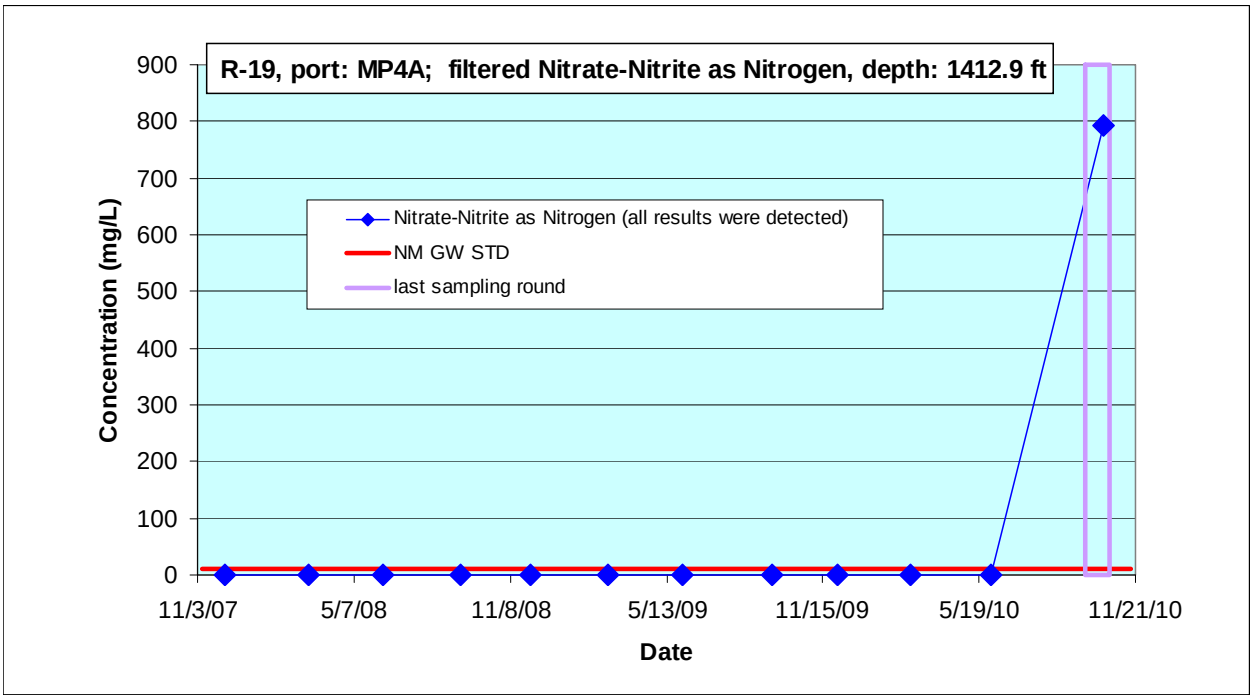

PCAO-9; filtered Chloride, depth: 6 ft
Chloride (all results were detected)
NM GW STD
last sampling round
Concentration (mg/L)
700
600
500
400
300
200
100
0
11/3/07
5/7/08
11/8/08
5/13/09
11/15/09
5/19/10
11/21/10
Date

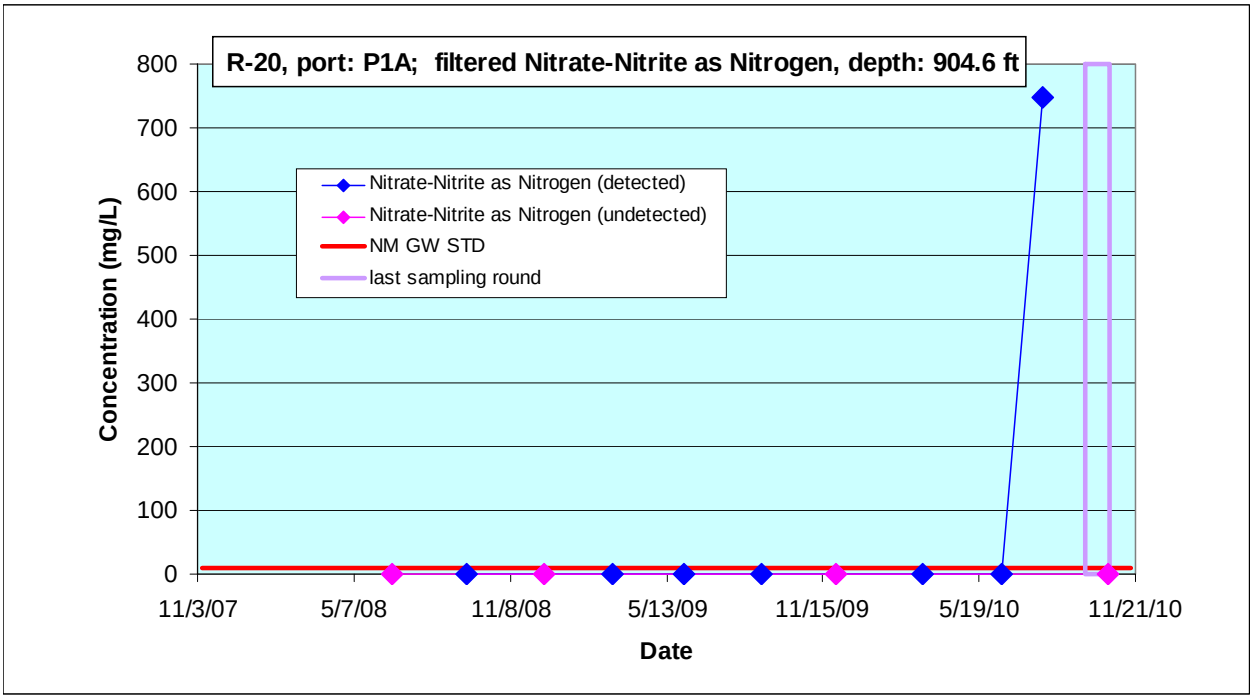

PCAO-9; filtered Total Dissolved Solids, depth: 6 ft
Total Dissolved Solids (all results were detected)
NM GW STD
last sampling round
Concentration (mg/L)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
11/3/07
5/7/08
11/8/08
5/13/09
11/15/09
5/19/10
11/21/10
Date

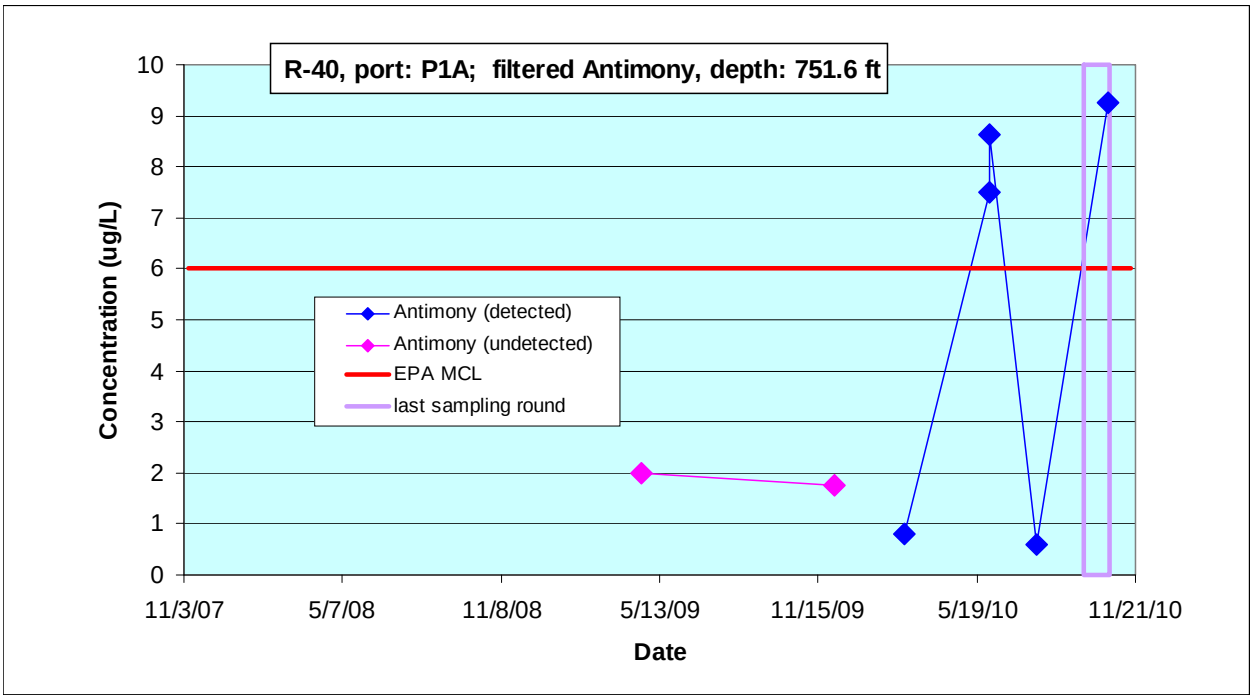

PCI-2; unfiltered Benzo(a)pyrene, depth: 512 ft
Concentration (ug/L)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Benzo(a)pyrene (detected)
Benzo(a)pyrene (undetected)
EPA MCL
last sampling round
11/3/07
5/7/08
11/8/08
5/13/09
11/15/09
5/19/10
11/21/10
Date

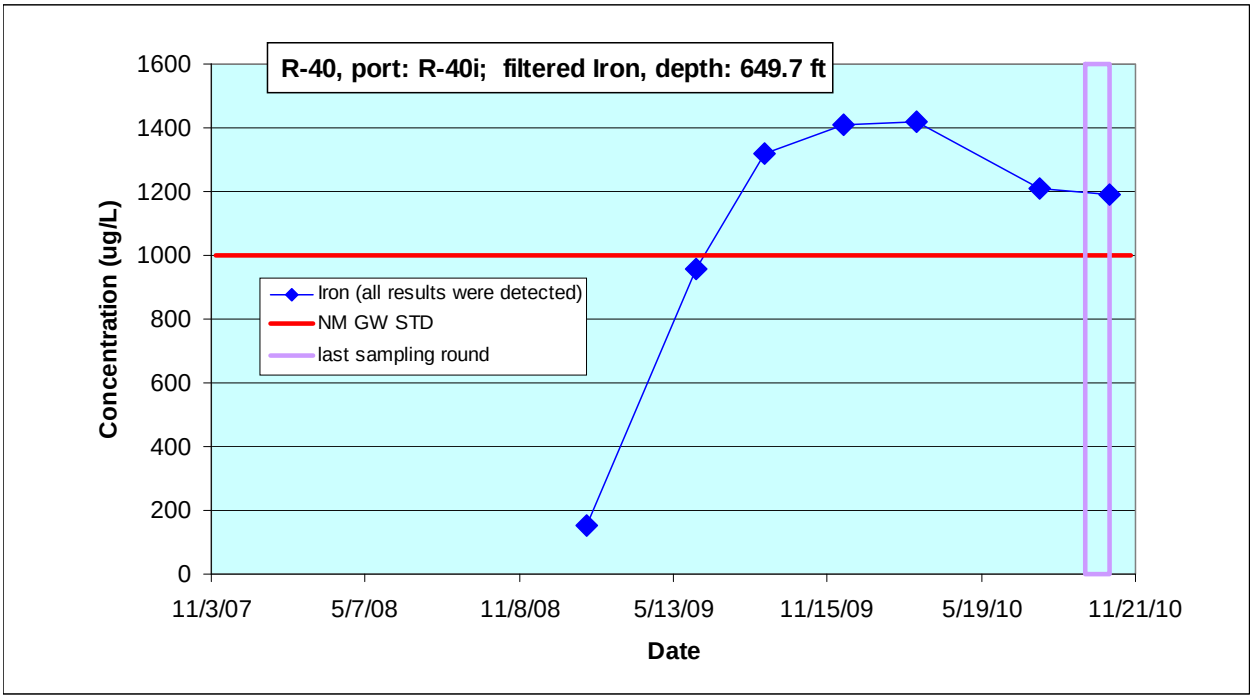

PCI-2; filtered Nitrate-Nitrite as Nitrogen, depth: 512 ft
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
Nitrate-Nitrite as Nitrogen (detected)
Nitrate-Nitrite as Nitrogen (undetected)
NM GW STD
last sampling round
11/3/07
5/7/08
11/8/08
5/13/09
11/15/09
5/19/10
11/21/10
Date

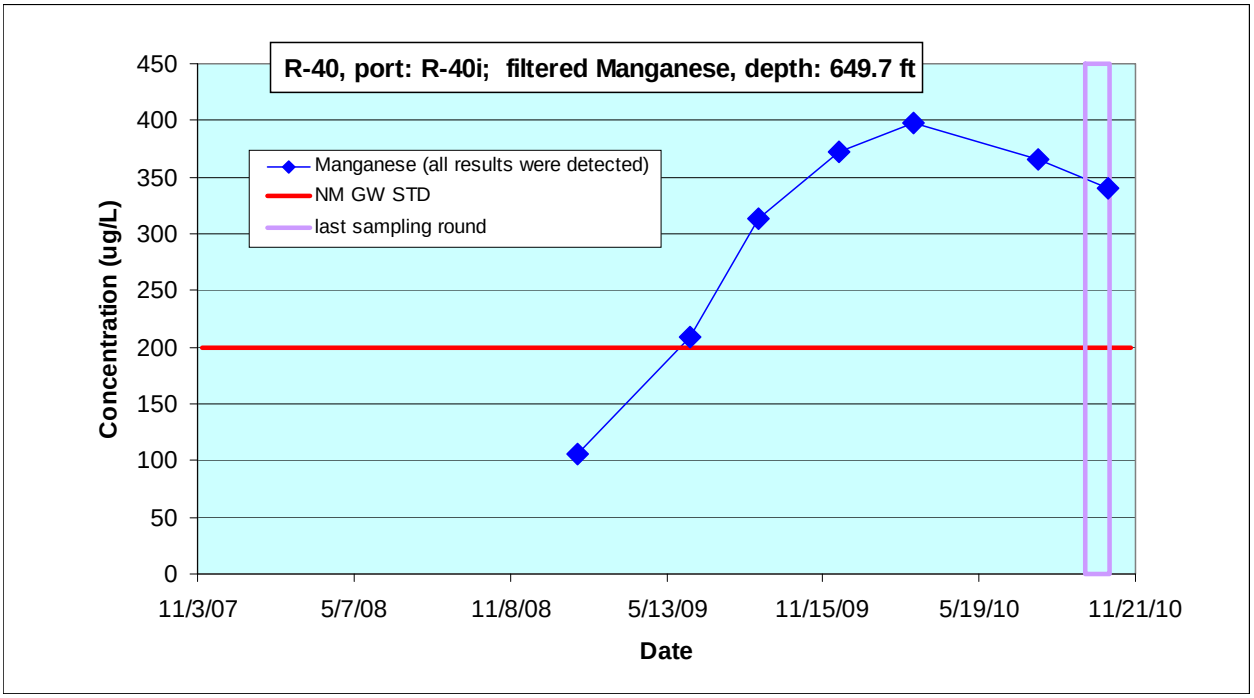

PCI-2; unfiltered Pentachlorophenol, depth: 512 ft
Concentration (ug/L)
14
12
10
8
6
4
2
0
Pentachlorophenol (detected)
Pentachlorophenol (undetected)
EPA MCL
last sampling round
11/3/07
5/7/08
11/8/08
5/13/09
11/15/09
5/19/10
11/21/10
Date

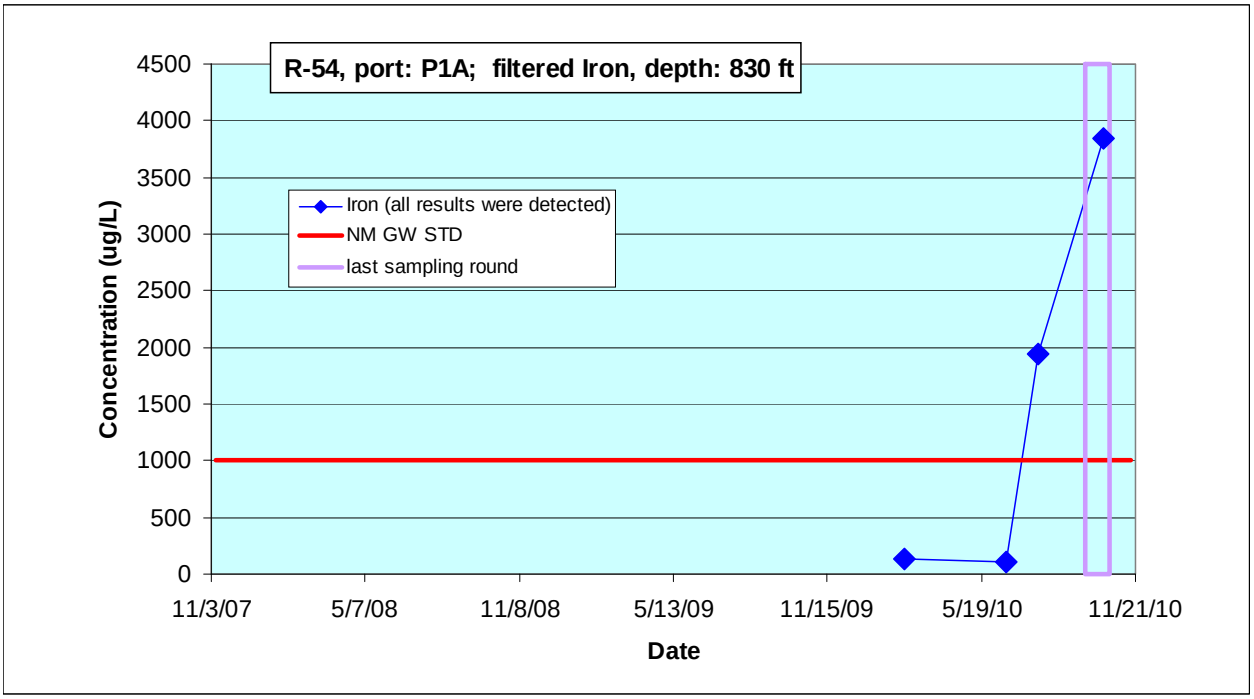

R-19, port: MP4A; filtered Nitrate-Nitrite as Nitrogen, depth: 1412.9 ft
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
Nitrate-Nitrite as Nitrogen (all results were detected)
NM GW STD
last sampling round
11/3/07
5/7/08
11/8/08
5/13/09
11/15/09
5/19/10
11/21/10
Date

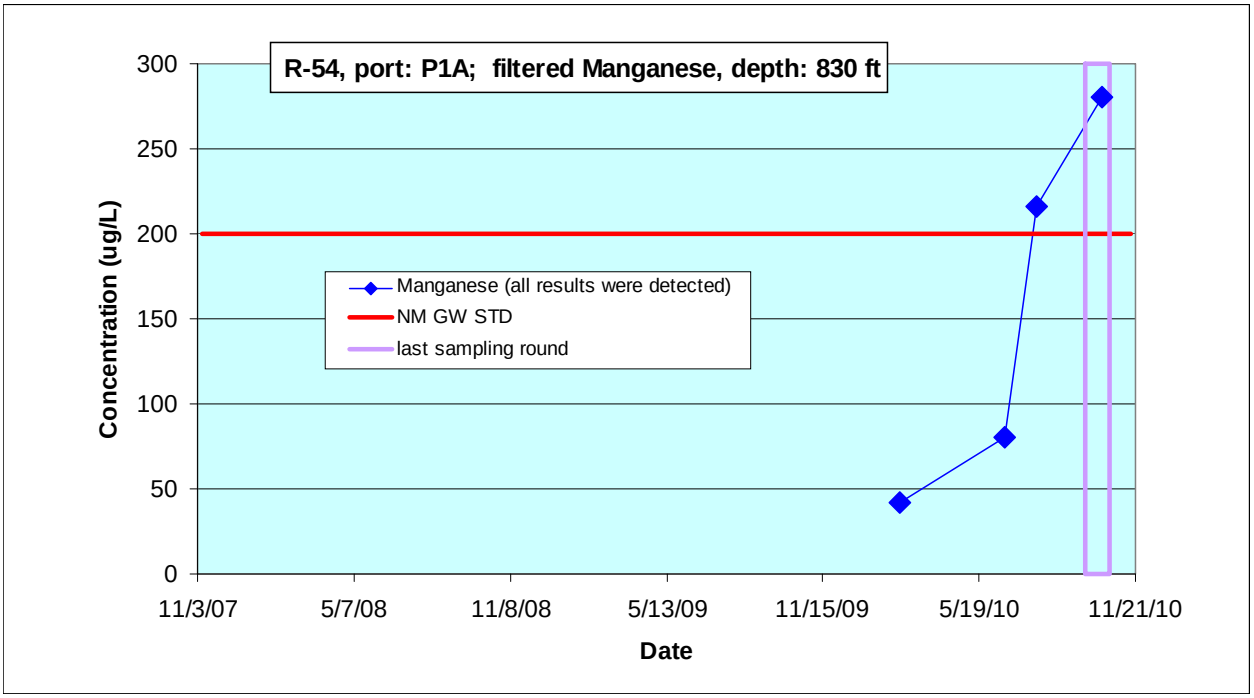

R-20, port: P1A; filtered Nitrate-Nitrite as Nitrogen, depth: 904.6 ft
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
Nitrate-Nitrite as Nitrogen (detected)
Nitrate-Nitrite as Nitrogen (undetected)
NM GW STD
last sampling round
11/3/07
5/7/08
11/8/08
5/13/09
11/15/09
5/19/10
11/21/10
Date

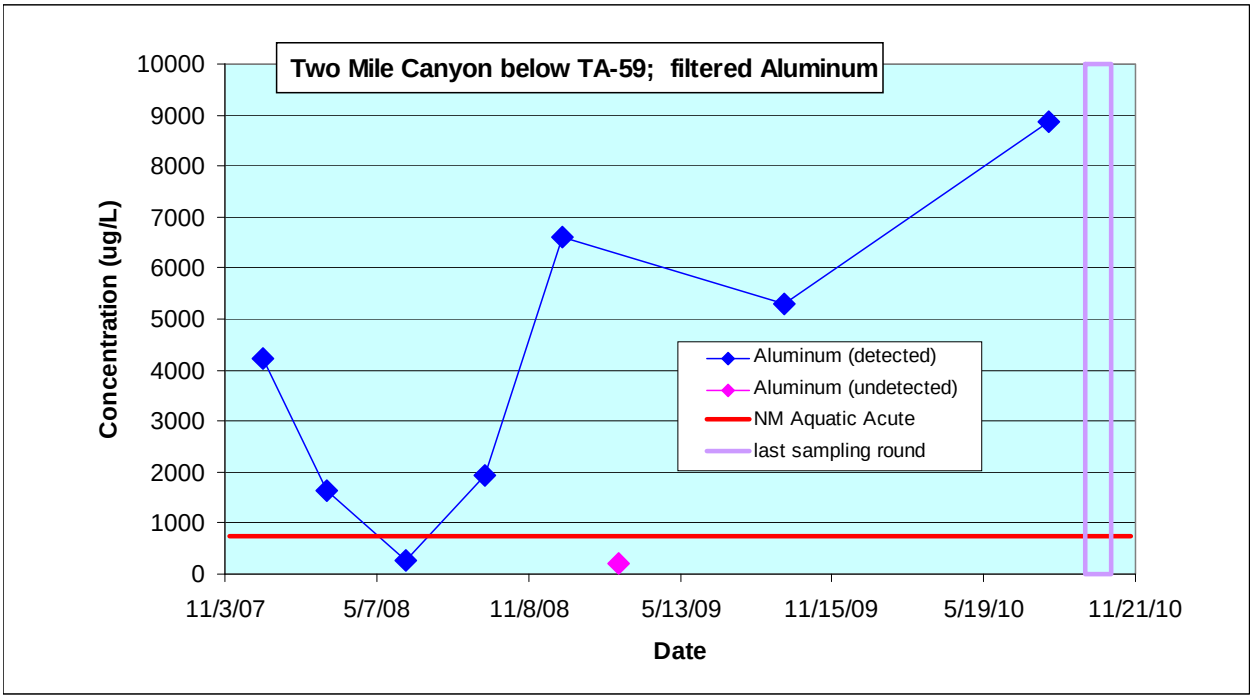

R-40, port: P1A; filtered Antimony, depth: 751.6 ft
Concentration (ug/L)
10
9
8
7
6
5
4
3
2
1
0
Antimony (detected)
Antimony (undetected)
EPA MCL
last sampling round
11/3/07
5/7/08
11/8/08
5/13/09
11/15/09
5/19/10
11/21/10
Date


R-40, port: R-40i; filtered Iron, depth: 649.7 ft
Concentration (ug/L)
1600
1400
1200
1000
800
600
400
200
0
Iron (all results were detected)
NM GW STD
last sampling round
11/3/07
5/7/08
11/8/08
5/13/09
11/15/09
5/19/10
11/21/10
Date


R-40, port: R-40i; filtered Manganese, depth: 649.7 ft
Concentration (ug/L)
450
400
350
300
250
200
150
100
50
0
Manganese (all results were detected)
NM GW STD
last sampling round
11/3/07
5/7/08
11/8/08
5/13/09
11/15/09
5/19/10
11/21/10
Date


R-54, port: P1A; filtered Iron, depth: 830 ft
Iron (all results were detected)
NM GW STD
last sampling round
Concentration (ug/L)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
11/3/07
5/7/08
11/8/08
5/13/09
11/15/09
5/19/10
11/21/10
Date


R-54, port: P1A; filtered Manganese, depth: 830 ft
Manganese (all results were detected)
NM GW STD
last sampling round
Concentration (ug/L)
300
250
200
150
100
50
0
11/3/07
5/7/08
11/8/08
5/13/09
11/15/09
5/19/10
11/21/10
Date


Two Mile Canyon below TA-59; filtered Aluminum
Concentration (ug/L)
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
11/3/07
5/7/08
11/8/08
5/13/09
11/15/09
5/19/10
11/21/10
Date
Aluminum (detected)
Aluminum (undetected)
NM Aquatic Acute
last sampling round

Appendix F

Analytical Reports
(on DVD included with this document)

DVD Table of Contents

Request	Suite	Lab	Sample	Date	Location	Port Depth (ft)
11-108	GENINORG[a]	GELC	CAPA-10-26957	10/11/2010	PCI-2	512
11-108	GENINORG	GELC	CAPA-10-26959	10/11/2010	PCI-2	512
11-108	GENINORG	GELC	CAPA-10-27381	10/11/2010	R-21	888.8
11-108	GENINORG	GELC	CAPA-10-27382	10/11/2010	R-21	888.8
11-108	METALS	GELC	CAPA-10-26957	10/11/2010	PCI-2	512
11-108	METALS	GELC	CAPA-10-26959	10/11/2010	PCI-2	512
11-108	METALS	GELC	CAPA-10-27381	10/11/2010	R-21	888.8
11-108	METALS	GELC	CAPA-10-27382	10/11/2010	R-21	888.8
11-108	SVOA[b]	GELC	CAPA-10-27382	10/11/2010	R-21	888.8
11-108	VOA[c]	GELC	CAPA-10-26957	10/11/2010	PCI-2	512
11-108	VOA	GELC	CAPA-10-26958	10/11/2010	PCI-2	512
11-108	VOA	GELC	CAPA-10-27382	10/11/2010	R-21	888.8
11-108	VOA	GELC	CAPA-10-27383	10/11/2010	R-21	888.8
11-111	DIOX/FUR[d]	CFA	CAPA-10-27418	10/7/2010	R-49	845
11-111	DIOX/FUR	CFA	CAPA-10-27423	10/7/2010	R-49	905.6
11-126	DIOX/FUR	CFA	CAPA-10-27451	10/12/2010	R-52	1035.2
11-126	DIOX/FUR	CFA	CAPA-10-27453	10/12/2010	R-52	1107
11-126	DIOX/FUR	CFA	CAPA-10-27456	10/12/2010	R-53	849.2
11-126	DIOX/FUR	CFA	CAPA-10-27464	10/12/2010	R-53	959.7
11-127	GENINORG	GELC	CAPA-10-26914	10/12/2010	R-37	929.3
11-127	GENINORG	GELC	CAPA-10-27377	10/11/2010	R-20	1147.1
11-127	GENINORG	GELC	CAPA-10-27406	10/11/2010	R-38	821.2
11-127	GENINORG	GELC	CAPA-10-27451	10/12/2010	R-52	1035.2
11-127	GENINORG	GELC	CAPA-10-27453	10/12/2010	R-52	1107
11-127	GENINORG	GELC	CAPA-10-27456	10/12/2010	R-53	849.2
11-127	GENINORG	GELC	CAPA-10-27464	10/12/2010	R-53	959.7
11-127	HEXP[e]	GELC	CAPA-10-27451	10/12/2010	R-52	1035.2
11-127	HEXP	GELC	CAPA-10-27453	10/12/2010	R-52	1107
11-127	HEXP	GELC	CAPA-10-27456	10/12/2010	R-53	849.2
11-127	HEXP	GELC	CAPA-10-27464	10/12/2010	R-53	959.7
11-127	PEST/PCB[f]	GELC	CAPA-10-27451	10/12/2010	R-52	1035.2
11-127	PEST/PCB	GELC	CAPA-10-27453	10/12/2010	R-52	1107
11-127	PEST/PCB	GELC	CAPA-10-27456	10/12/2010	R-53	849.2
11-127	PEST/PCB	GELC	CAPA-10-27464	10/12/2010	R-53	959.7
11-127	SVOA	GELC	CAPA-10-26914	10/12/2010	R-37	929.3
11-127	SVOA	GELC	CAPA-10-27377	10/11/2010	R-20	1147.1
11-127	SVOA	GELC	CAPA-10-27406	10/11/2010	R-38	821.2
11-127	SVOA	GELC	CAPA-10-27451	10/12/2010	R-52	1035.2

Request	Suite	Lab	Sample	Date	Location	Port Depth (ft)
11-127	SVOA	GELC	CAPA-10-27453	10/12/2010	R-52	1107
11-127	SVOA	GELC	CAPA-10-27456	10/12/2010	R-53	849.2
11-127	SVOA	GELC	CAPA-10-27464	10/12/2010	R-53	959.7
11-127	VOA	GELC	CAPA-10-26914	10/12/2010	R-37	929.3
11-127	VOA	GELC	CAPA-10-26916	10/12/2010	R-37	929.3
11-127	VOA	GELC	CAPA-10-27376	10/11/2010	R-20	1147.1
11-127	VOA	GELC	CAPA-10-27377	10/11/2010	R-20	1147.1
11-127	VOA	GELC	CAPA-10-27406	10/11/2010	R-38	821.2
11-127	VOA	GELC	CAPA-10-27407	10/11/2010	R-38	821.2
11-127	VOA	GELC	CAPA-10-27449	10/12/2010	R-52	1035.2
11-127	VOA	GELC	CAPA-10-27451	10/12/2010	R-52	1035.2
11-127	VOA	GELC	CAPA-10-27452	10/12/2010	R-52	1107
11-127	VOA	GELC	CAPA-10-27453	10/12/2010	R-52	1107
11-127	VOA	GELC	CAPA-10-27456	10/12/2010	R-53	849.2
11-127	VOA	GELC	CAPA-10-27457	10/12/2010	R-53	849.2
11-127	VOA	GELC	CAPA-10-27462	10/12/2010	R-53	959.7
11-127	VOA	GELC	CAPA-10-27464	10/12/2010	R-53	959.7
11-128	GENINORG	GELC	CAPA-10-26914	10/12/2010	R-37	929.3
11-128	GENINORG	GELC	CAPA-10-26915	10/12/2010	R-37	929.3
11-128	GENINORG	GELC	CAPA-10-27375	10/11/2010	R-20	1147.1
11-128	GENINORG	GELC	CAPA-10-27377	10/11/2010	R-20	1147.1
11-128	GENINORG	GELC	CAPA-10-27406	10/11/2010	R-38	821.2
11-128	GENINORG	GELC	CAPA-10-27408	10/11/2010	R-38	821.2
11-128	GENINORG	GELC	CAPA-10-27450	10/12/2010	R-52	1035.2
11-128	GENINORG	GELC	CAPA-10-27451	10/12/2010	R-52	1035.2
11-128	GENINORG	GELC	CAPA-10-27453	10/12/2010	R-52	1107
11-128	GENINORG	GELC	CAPA-10-27454	10/12/2010	R-52	1107
11-128	GENINORG	GELC	CAPA-10-27455	10/12/2010	R-53	849.2
11-128	GENINORG	GELC	CAPA-10-27456	10/12/2010	R-53	849.2
11-128	GENINORG	GELC	CAPA-10-27463	10/12/2010	R-53	959.7
11-128	GENINORG	GELC	CAPA-10-27464	10/12/2010	R-53	959.7
11-128	METALS	GELC	CAPA-10-26914	10/12/2010	R-37	929.3
11-128	METALS	GELC	CAPA-10-26915	10/12/2010	R-37	929.3
11-128	METALS	GELC	CAPA-10-27375	10/11/2010	R-20	1147.1
11-128	METALS	GELC	CAPA-10-27377	10/11/2010	R-20	1147.1
11-128	METALS	GELC	CAPA-10-27406	10/11/2010	R-38	821.2
11-128	METALS	GELC	CAPA-10-27408	10/11/2010	R-38	821.2
11-128	METALS	GELC	CAPA-10-27450	10/12/2010	R-52	1035.2
11-128	METALS	GELC	CAPA-10-27451	10/12/2010	R-52	1035.2
11-128	METALS	GELC	CAPA-10-27453	10/12/2010	R-52	1107

Request	Suite	Lab	Sample	Date	Location	Port Depth (ft)
11-128	METALS	GELC	CAPA-10-27454	10/12/2010	R-52	1107
11-128	METALS	GELC	CAPA-10-27455	10/12/2010	R-53	849.2
11-128	METALS	GELC	CAPA-10-27456	10/12/2010	R-53	849.2
11-128	METALS	GELC	CAPA-10-27463	10/12/2010	R-53	959.7
11-128	METALS	GELC	CAPA-10-27464	10/12/2010	R-53	959.7
11-129	RAD[g]	GELC	CAPA-10-27451	10/12/2010	R-52	1035.2
11-129	RAD	GELC	CAPA-10-27453	10/12/2010	R-52	1107
11-129	RAD	GELC	CAPA-10-27456	10/12/2010	R-53	849.2
11-129	RAD	GELC	CAPA-10-27464	10/12/2010	R-53	959.7
11-140	DIOX/FUR	CFA	CAPA-10-27444	10/13/2010	R-54	830
11-140	DIOX/FUR	CFA	CAPA-10-27446	10/13/2010	R-54	915
11-141	GENINORG	GELC	CAPA-10-27444	10/13/2010	R-54	830
11-141	GENINORG	GELC	CAPA-10-27446	10/13/2010	R-54	915
11-141	HEXP	GELC	CAPA-10-27444	10/13/2010	R-54	830
11-141	HEXP	GELC	CAPA-10-27446	10/13/2010	R-54	915
11-141	PEST/PCB	GELC	CAPA-10-27444	10/13/2010	R-54	830
11-141	PEST/PCB	GELC	CAPA-10-27446	10/13/2010	R-54	915
11-141	SVOA	GELC	CAPA-10-27444	10/13/2010	R-54	830
11-141	SVOA	GELC	CAPA-10-27446	10/13/2010	R-54	915
11-141	VOA	GELC	CAPA-10-27443	10/13/2010	R-54	830
11-141	VOA	GELC	CAPA-10-27444	10/13/2010	R-54	830
11-141	VOA	GELC	CAPA-10-27446	10/13/2010	R-54	915
11-141	VOA	GELC	CAPA-10-27447	10/13/2010	R-54	915
11-142	GENINORG	GELC	CAPA-10-27444	10/13/2010	R-54	830
11-142	GENINORG	GELC	CAPA-10-27445	10/13/2010	R-54	830
11-142	GENINORG	GELC	CAPA-10-27446	10/13/2010	R-54	915
11-142	GENINORG	GELC	CAPA-10-27448	10/13/2010	R-54	915
11-142	METALS	GELC	CAPA-10-27444	10/13/2010	R-54	830
11-142	METALS	GELC	CAPA-10-27445	10/13/2010	R-54	830
11-142	METALS	GELC	CAPA-10-27446	10/13/2010	R-54	915
11-142	METALS	GELC	CAPA-10-27448	10/13/2010	R-54	915
11-142	RAD	GELC	CAPA-10-27444	10/13/2010	R-54	830
11-142	RAD	GELC	CAPA-10-27446	10/13/2010	R-54	915
11-156	GENINORG	GELC	CAPA-10-27394	10/14/2010	R-37	1026
11-156	GENINORG	GELC	CAPA-10-27395	10/14/2010	R-37	1026
11-156	GENINORG	GELC	CAPA-10-27398	10/14/2010	R-37	1026
11-156	GENINORG	GELC	CAPA-10-27399	10/14/2010	R-37	1026
11-156	METALS	GELC	CAPA-10-27394	10/14/2010	R-37	1026
11-156	METALS	GELC	CAPA-10-27395	10/14/2010	R-37	1026
11-156	METALS	GELC	CAPA-10-27398	10/14/2010	R-37	1026

Request	Suite	Lab	Sample	Date	Location	Port Depth (ft)
11-156	METALS	GELC	CAPA-10-27399	10/14/2010	R-37	1026
11-156	SVOA	GELC	CAPA-10-27394	10/14/2010	R-37	1026
11-156	SVOA	GELC	CAPA-10-27397	10/14/2010	R-37	1026
11-156	SVOA	GELC	CAPA-10-27399	10/14/2010	R-37	1026
11-156	VOA	GELC	CAPA-10-27394	10/14/2010	R-37	1026
11-156	VOA	GELC	CAPA-10-27396	10/14/2010	R-37	1026
11-156	VOA	GELC	CAPA-10-27397	10/14/2010	R-37	1026
11-156	VOA	GELC	CAPA-10-27399	10/14/2010	R-37	1026
11-159	GENINORG	GELC	CAPA-10-27391	10/14/2010	R-32	867.5
11-159	GENINORG	GELC	CAPA-10-27392	10/14/2010	R-32	867.5
11-159	METALS	GELC	CAPA-10-27391	10/14/2010	R-32	867.5
11-159	METALS	GELC	CAPA-10-27392	10/14/2010	R-32	867.5
11-159	SVOA	GELC	CAPA-10-27391	10/14/2010	R-32	867.5
11-159	VOA	GELC	CAPA-10-27391	10/14/2010	R-32	867.5
11-159	VOA	GELC	CAPA-10-27393	10/14/2010	R-32	867.5
11-165	GENINORG	GELC	CAPA-10-27369	10/14/2010	R-19	1412.9
11-165	GENINORG	GELC	CAPA-10-27371	10/14/2010	R-19	1412.9
11-165	HEXP	GELC	CAPA-10-27369	10/14/2010	R-19	1412.9
11-165	METALS	GELC	CAPA-10-27369	10/14/2010	R-19	1412.9
11-165	METALS	GELC	CAPA-10-27371	10/14/2010	R-19	1412.9
11-165	VOA	GELC	CAPA-10-27369	10/14/2010	R-19	1412.9
11-165	VOA	GELC	CAPA-10-27370	10/14/2010	R-19	1412.9
11-165	VOA	GELC	CAPA-11-7	10/13/2010	R-19	1412.9
11-174	GENINORG	GELC	CAPA-10-27424	10/15/2010	CDBO-6	34
11-174	GENINORG	GELC	CAPA-10-27425	10/15/2010	CDBO-6	34
11-174	METALS	GELC	CAPA-10-27424	10/15/2010	CDBO-6	34
11-177	GENINORG	GELC	CAPA-10-26954	10/15/2010	R-19	909.3
11-177	GENINORG	GELC	CAPA-10-27366	10/15/2010	R-19	1190.7
11-177	HEXP	GELC	CAPA-10-26954	10/15/2010	R-19	909.3
11-177	HEXP	GELC	CAPA-10-27366	10/15/2010	R-19	1190.7
11-177	VOA	GELC	CAPA-10-26954	10/15/2010	R-19	909.3
11-177	VOA	GELC	CAPA-10-26955	10/15/2010	R-19	909.3
11-177	VOA	GELC	CAPA-10-27365	10/15/2010	R-19	1190.7
11-177	VOA	GELC	CAPA-10-27366	10/15/2010	R-19	1190.7
11-177	VOA	GELC	CAPA-10-27368	10/15/2010	R-19	1190.7
11-178	GENINORG	GELC	CAPA-10-26954	10/15/2010	R-19	909.3
11-178	GENINORG	GELC	CAPA-10-26956	10/15/2010	R-19	909.3
11-178	GENINORG	GELC	CAPA-10-27366	10/15/2010	R-19	1190.7
11-178	GENINORG	GELC	CAPA-10-27367	10/15/2010	R-19	1190.7
11-178	METALS	GELC	CAPA-10-26954	10/15/2010	R-19	909.3

Request	Suite	Lab	Sample	Date	Location	Port Depth (ft)
11-178	METALS	GELC	CAPA-10-26956	10/15/2010	R-19	909.3
11-178	METALS	GELC	CAPA-10-27366	10/15/2010	R-19	1190.7
11-178	METALS	GELC	CAPA-10-27367	10/15/2010	R-19	1190.7
11-178	RAD	GELC	CAPA-10-26954	10/15/2010	R-19	909.3
11-183	GENINORG	GELC	CAPA-10-26890	10/18/2010	PCAO-5	14.7
11-183	GENINORG	GELC	CAPA-10-26891	10/18/2010	PCAO-5	14.7
11-183	HEXP	GELC	CAPA-10-26891	10/18/2010	PCAO-5	14.7
11-183	METALS	GELC	CAPA-10-26890	10/18/2010	PCAO-5	14.7
11-183	METALS	GELC	CAPA-10-26891	10/18/2010	PCAO-5	14.7
11-183	RAD	GELC	CAPA-10-26891	10/18/2010	PCAO-5	14.7
11-183	SVOA	GELC	CAPA-10-26891	10/18/2010	PCAO-5	14.7
11-183	VOA	GELC	CAPA-10-26891	10/18/2010	PCAO-5	14.7
11-183	VOA	GELC	CAPA-10-26892	10/18/2010	PCAO-5	14.7
11-189	GENINORG	GELC	CAPA-10-26945	10/18/2010	R-23i	470.2
11-189	GENINORG	GELC	CAPA-10-26948	10/18/2010	R-23i	524
11-189	GENINORG	GELC	CAPA-10-26951	10/18/2010	R-23i	524
11-189	HEXP	GELC	CAPA-10-26945	10/18/2010	R-23i	470.2
11-189	HEXP	GELC	CAPA-10-26948	10/18/2010	R-23i	524
11-189	HEXP	GELC	CAPA-10-26951	10/18/2010	R-23i	524
11-189	SVOA	GELC	CAPA-10-26945	10/18/2010	R-23i	470.2
11-189	SVOA	GELC	CAPA-10-26948	10/18/2010	R-23i	524
11-189	SVOA	GELC	CAPA-10-26951	10/18/2010	R-23i	524
11-189	SVOA	GELC	CAPA-10-26952	10/18/2010	R-23i	524
11-189	VOA	GELC	CAPA-10-26945	10/18/2010	R-23i	470.2
11-189	VOA	GELC	CAPA-10-26947	10/18/2010	R-23i	470.2
11-189	VOA	GELC	CAPA-10-26948	10/18/2010	R-23i	524
11-189	VOA	GELC	CAPA-10-26949	10/18/2010	R-23i	524
11-189	VOA	GELC	CAPA-10-26951	10/18/2010	R-23i	524
11-189	VOA	GELC	CAPA-10-26952	10/18/2010	R-23i	524
11-190	GENINORG	GELC	CAPA-10-26945	10/18/2010	R-23i	470.2
11-190	GENINORG	GELC	CAPA-10-26946	10/18/2010	R-23i	470.2
11-190	GENINORG	GELC	CAPA-10-26948	10/18/2010	R-23i	524
11-190	GENINORG	GELC	CAPA-10-26950	10/18/2010	R-23i	524
11-190	GENINORG	GELC	CAPA-10-26951	10/18/2010	R-23i	524
11-190	GENINORG	GELC	CAPA-10-26953	10/18/2010	R-23i	524
11-190	METALS	GELC	CAPA-10-26945	10/18/2010	R-23i	470.2
11-190	METALS	GELC	CAPA-10-26946	10/18/2010	R-23i	470.2
11-190	METALS	GELC	CAPA-10-26948	10/18/2010	R-23i	524
11-190	METALS	GELC	CAPA-10-26950	10/18/2010	R-23i	524
11-190	METALS	GELC	CAPA-10-26951	10/18/2010	R-23i	524

Request	Suite	Lab	Sample	Date	Location	Port Depth (ft)
11-190	METALS	GELC	CAPA-10-26953	10/18/2010	R-23i	524
11-200	GENINORG	GELC	CAPA-10-27412	10/19/2010	R-40	849.3
11-200	GENINORG	GELC	CAPA-10-27413	10/19/2010	R-40	849.3
11-200	METALS	GELC	CAPA-10-27412	10/19/2010	R-40	849.3
11-200	METALS	GELC	CAPA-10-27413	10/19/2010	R-40	849.3
11-200	SVOA	GELC	CAPA-10-27413	10/19/2010	R-40	849.3
11-200	VOA	GELC	CAPA-10-27413	10/19/2010	R-40	849.3
11-200	VOA	GELC	CAPA-10-27414	10/19/2010	R-40	849.3
11-204	DIOX/FUR	CFA	CAPA-10-27437	10/19/2010	R-51	914.96
11-204	DIOX/FUR	CFA	CAPA-10-27440	10/19/2010	R-51	1030.96
11-205	GENINORG	GELC	CAPA-10-27437	10/19/2010	R-51	914.96
11-205	GENINORG	GELC	CAPA-10-27440	10/19/2010	R-51	1030.96
11-205	HEXP	GELC	CAPA-10-27437	10/19/2010	R-51	914.96
11-205	HEXP	GELC	CAPA-10-27440	10/19/2010	R-51	1030.96
11-205	PEST/PCB	GELC	CAPA-10-27437	10/19/2010	R-51	914.96
11-205	PEST/PCB	GELC	CAPA-10-27440	10/19/2010	R-51	1030.96
11-205	SVOA	GELC	CAPA-10-27437	10/19/2010	R-51	914.96
11-205	SVOA	GELC	CAPA-10-27440	10/19/2010	R-51	1030.96
11-205	VOA	GELC	CAPA-10-27437	10/19/2010	R-51	914.96
11-205	VOA	GELC	CAPA-10-27438	10/19/2010	R-51	914.96
11-205	VOA	GELC	CAPA-10-27440	10/19/2010	R-51	1030.96
11-205	VOA	GELC	CAPA-10-27442	10/19/2010	R-51	1030.96
11-206	GENINORG	GELC	CAPA-10-27437	10/19/2010	R-51	914.96
11-206	GENINORG	GELC	CAPA-10-27439	10/19/2010	R-51	914.96
11-206	GENINORG	GELC	CAPA-10-27440	10/19/2010	R-51	1030.96
11-206	GENINORG	GELC	CAPA-10-27441	10/19/2010	R-51	1030.96
11-206	METALS	GELC	CAPA-10-27437	10/19/2010	R-51	914.96
11-206	METALS	GELC	CAPA-10-27439	10/19/2010	R-51	914.96
11-206	METALS	GELC	CAPA-10-27440	10/19/2010	R-51	1030.96
11-206	METALS	GELC	CAPA-10-27441	10/19/2010	R-51	1030.96
11-206	RAD	GELC	CAPA-10-27437	10/19/2010	R-51	914.96
11-206	RAD	GELC	CAPA-10-27440	10/19/2010	R-51	1030.96
11-222	GENINORG	GELC	CAPA-10-26917	10/20/2010	R-40	649.7
11-222	GENINORG	GELC	CAPA-10-26922	10/20/2010	R-40	751.6
11-222	SVOA	GELC	CAPA-10-26917	10/20/2010	R-40	649.7
11-222	SVOA	GELC	CAPA-10-26922	10/20/2010	R-40	751.6
11-222	VOA	GELC	CAPA-10-26917	10/20/2010	R-40	649.7
11-222	VOA	GELC	CAPA-10-26918	10/20/2010	R-40	649.7
11-222	VOA	GELC	CAPA-10-26921	10/20/2010	R-40	751.6
11-222	VOA	GELC	CAPA-10-26922	10/20/2010	R-40	751.6

Request	Suite	Lab	Sample	Date	Location	Port Depth (ft)
11-223	GENINORG	GELC	CAPA-10-26917	10/20/2010	R-40	649.7
11-223	GENINORG	GELC	CAPA-10-26919	10/20/2010	R-40	649.7
11-223	GENINORG	GELC	CAPA-10-26920	10/20/2010	R-40	751.6
11-223	GENINORG	GELC	CAPA-10-26922	10/20/2010	R-40	751.6
11-223	METALS	GELC	CAPA-10-26917	10/20/2010	R-40	649.7
11-223	METALS	GELC	CAPA-10-26919	10/20/2010	R-40	649.7
11-223	METALS	GELC	CAPA-10-26920	10/20/2010	R-40	751.6
11-223	METALS	GELC	CAPA-10-26922	10/20/2010	R-40	751.6
11-229	GENINORG	GELC	CAPA-10-27373	10/20/2010	R-20	904.6
11-229	GENINORG	GELC	CAPA-10-27374	10/20/2010	R-20	904.6
11-229	METALS	GELC	CAPA-10-27373	10/20/2010	R-20	904.6
11-229	METALS	GELC	CAPA-10-27374	10/20/2010	R-20	904.6
11-229	SVOA	GELC	CAPA-10-27373	10/20/2010	R-20	904.6
11-229	VOA	GELC	CAPA-10-27372	10/20/2010	R-20	904.6
11-229	VOA	GELC	CAPA-10-27373	10/20/2010	R-20	904.6
11-231	GENINORG	GELC	CAPA-10-26900	10/20/2010	PCAO-7a	9.7
11-231	GENINORG	GELC	CAPA-10-26901	10/20/2010	PCAO-7a	9.7
11-231	HEXP	GELC	CAPA-10-26901	10/20/2010	PCAO-7a	9.7
11-231	METALS	GELC	CAPA-10-26900	10/20/2010	PCAO-7a	9.7
11-231	METALS	GELC	CAPA-10-26901	10/20/2010	PCAO-7a	9.7
11-231	RAD	GELC	CAPA-10-26901	10/20/2010	PCAO-7a	9.7
11-231	SVOA	GELC	CAPA-10-26901	10/20/2010	PCAO-7a	9.7
11-231	VOA	GELC	CAPA-10-26899	10/20/2010	PCAO-7a	9.7
11-231	VOA	GELC	CAPA-10-26901	10/20/2010	PCAO-7a	9.7
11-236	HEXP	GELC	CAPA-10-26889	10/21/2010	3MAO-2	14.7
11-236	HEXP	GELC	CAPA-10-26904	10/21/2010	PCAO-7b2	10
11-236	HEXP	GELC	CAPA-10-26931	10/21/2010	R-23i	400.3
11-236	HEXP	GELC	CAPA-10-27415	10/21/2010	R-18	1358
11-236	RAD	GELC	CAPA-10-26889	10/21/2010	3MAO-2	14.7
11-236	RAD	GELC	CAPA-10-26904	10/21/2010	PCAO-7b2	10
11-236	RAD	GELC	CAPA-10-27415	10/21/2010	R-18	1358
11-236	SVOA	GELC	CAPA-10-26889	10/21/2010	3MAO-2	14.7
11-236	SVOA	GELC	CAPA-10-26904	10/21/2010	PCAO-7b2	10
11-236	SVOA	GELC	CAPA-10-26931	10/21/2010	R-23i	400.3
11-236	SVOA	GELC	CAPA-10-26944	10/21/2010	R-23i	400.3
11-236	SVOA	GELC	CAPA-10-27415	10/21/2010	R-18	1358
11-236	VOA	GELC	CAPA-10-26887	10/21/2010	3MAO-2	14.7
11-236	VOA	GELC	CAPA-10-26889	10/21/2010	3MAO-2	14.7
11-236	VOA	GELC	CAPA-10-26903	10/21/2010	PCAO-7b2	10
11-236	VOA	GELC	CAPA-10-26904	10/21/2010	PCAO-7b2	10

Request	Suite	Lab	Sample	Date	Location	Port Depth (ft)
11-236	VOA	GELC	CAPA-10-26930	10/21/2010	R-23i	400.3
11-236	VOA	GELC	CAPA-10-26931	10/21/2010	R-23i	400.3
11-236	VOA	GELC	CAPA-10-26944	10/21/2010	R-23i	400.3
11-236	VOA	GELC	CAPA-10-27415	10/21/2010	R-18	1358
11-236	VOA	GELC	CAPA-10-27416	10/21/2010	R-18	1358
11-237	GENINORG	GELC	CAPA-10-26888	10/21/2010	3MAO-2	14.7
11-237	GENINORG	GELC	CAPA-10-26889	10/21/2010	3MAO-2	14.7
11-237	GENINORG	GELC	CAPA-10-26902	10/21/2010	PCAO-7b2	10
11-237	GENINORG	GELC	CAPA-10-26904	10/21/2010	PCAO-7b2	10
11-237	GENINORG	GELC	CAPA-10-26931	10/21/2010	R-23i	400.3
11-237	GENINORG	GELC	CAPA-10-26932	10/21/2010	R-23i	400.3
11-237	GENINORG	GELC	CAPA-10-27415	10/21/2010	R-18	1358
11-237	GENINORG	GELC	CAPA-10-27417	10/21/2010	R-18	1358
11-237	METALS	GELC	CAPA-10-26888	10/21/2010	3MAO-2	14.7
11-237	METALS	GELC	CAPA-10-26889	10/21/2010	3MAO-2	14.7
11-237	METALS	GELC	CAPA-10-26902	10/21/2010	PCAO-7b2	10
11-237	METALS	GELC	CAPA-10-26904	10/21/2010	PCAO-7b2	10
11-237	METALS	GELC	CAPA-10-26931	10/21/2010	R-23i	400.3
11-237	METALS	GELC	CAPA-10-26932	10/21/2010	R-23i	400.3
11-237	METALS	GELC	CAPA-10-27415	10/21/2010	R-18	1358
11-237	METALS	GELC	CAPA-10-27417	10/21/2010	R-18	1358
11-240	HEXP	STSL	CAPA-10-27390	10/22/2010	R-23	816
11-242	GENINORG	GELC	CAPA-10-26961	10/22/2010	R-17	1057
11-242	GENINORG	GELC	CAPA-10-26963	10/22/2010	R-17	1124
11-242	GENINORG	GELC	CAPA-10-27384	10/22/2010	R-23	816
11-242	GENINORG	GELC	CAPA-10-27388	10/22/2010	R-23	816
11-242	GENINORG	GELC	CAPA-10-27390	10/22/2010	R-23	816
11-242	HERB	GELC	CAPA-10-27390	10/22/2010	R-23	816
11-242	HEXP	GELC	CAPA-10-27390	10/22/2010	R-23	816
11-242	PEST/PCB	GELC	CAPA-10-27390	10/22/2010	R-23	816
11-242	SVOA	GELC	CAPA-10-27384	10/22/2010	R-23	816
11-242	SVOA	GELC	CAPA-10-27387	10/22/2010	R-23	816
11-242	SVOA	GELC	CAPA-10-27388	10/22/2010	R-23	816
11-242	SVOA	GELC	CAPA-10-27390	10/22/2010	R-23	816
11-242	VOA	GELC	CAPA-10-26960	10/22/2010	R-17	1057
11-242	VOA	GELC	CAPA-10-26961	10/22/2010	R-17	1057
11-242	VOA	GELC	CAPA-10-26963	10/22/2010	R-17	1124
11-242	VOA	GELC	CAPA-10-26965	10/22/2010	R-17	1124
11-242	VOA	GELC	CAPA-10-27384	10/22/2010	R-23	816
11-242	VOA	GELC	CAPA-10-27386	10/22/2010	R-23	816

Request	Suite	Lab	Sample	Date	Location	Port Depth (ft)
11-242	VOA	GELC	CAPA-10-27387	10/22/2010	R-23	816
11-242	VOA	GELC	CAPA-10-27388	10/22/2010	R-23	816
11-242	VOA	GELC	CAPA-10-27390	10/22/2010	R-23	816
11-243	GENINORG	GELC	CAPA-10-26961	10/22/2010	R-17	1057
11-243	GENINORG	GELC	CAPA-10-26962	10/22/2010	R-17	1057
11-243	GENINORG	GELC	CAPA-10-26963	10/22/2010	R-17	1124
11-243	GENINORG	GELC	CAPA-10-26964	10/22/2010	R-17	1124
11-243	GENINORG	GELC	CAPA-10-27384	10/22/2010	R-23	816
11-243	GENINORG	GELC	CAPA-10-27385	10/22/2010	R-23	816
11-243	GENINORG	GELC	CAPA-10-27388	10/22/2010	R-23	816
11-243	GENINORG	GELC	CAPA-10-27389	10/22/2010	R-23	816
11-243	GENINORG	GELC	CAPA-10-27390	10/22/2010	R-23	816
11-243	METALS	GELC	CAPA-10-26961	10/22/2010	R-17	1057
11-243	METALS	GELC	CAPA-10-26962	10/22/2010	R-17	1057
11-243	METALS	GELC	CAPA-10-26963	10/22/2010	R-17	1124
11-243	METALS	GELC	CAPA-10-26964	10/22/2010	R-17	1124
11-243	METALS	GELC	CAPA-10-27384	10/22/2010	R-23	816
11-243	METALS	GELC	CAPA-10-27385	10/22/2010	R-23	816
11-243	METALS	GELC	CAPA-10-27388	10/22/2010	R-23	816
11-243	METALS	GELC	CAPA-10-27389	10/22/2010	R-23	816
11-243	METALS	GELC	CAPA-10-27390	10/22/2010	R-23	816
11-243	RAD	GELC	CAPA-10-27390	10/22/2010	R-23	816
11-247	GENINORG	GELC	CAPA-10-26927	10/22/2010	03-B-13	21.5
11-247	GENINORG	GELC	CAPA-10-26928	10/22/2010	03-B-13	21.5
11-247	HEXP	GELC	CAPA-10-26927	10/22/2010	03-B-13	21.5
11-247	METALS	GELC	CAPA-10-26927	10/22/2010	03-B-13	21.5
11-247	METALS	GELC	CAPA-10-26928	10/22/2010	03-B-13	21.5
11-247	RAD	GELC	CAPA-10-26927	10/22/2010	03-B-13	21.5
11-247	SVOA	GELC	CAPA-10-26927	10/22/2010	03-B-13	21.5
11-247	SVOA	GELC	CAPA-10-26929	10/22/2010	03-B-13	21.5
11-247	VOA	GELC	CAPA-10-26926	10/22/2010	03-B-13	21.5
11-247	VOA	GELC	CAPA-10-26927	10/22/2010	03-B-13	21.5
11-247	VOA	GELC	CAPA-10-26929	10/22/2010	03-B-13	21.5
11-249	GENINORG	GELC	CAPA-10-27431	10/23/2010	PCAO-8	9.7
11-249	GENINORG	GELC	CAPA-10-27432	10/23/2010	PCAO-8	9.7
11-249	HEXP	GELC	CAPA-10-27432	10/23/2010	PCAO-8	9.7
11-249	METALS	GELC	CAPA-10-27431	10/23/2010	PCAO-8	9.7
11-249	METALS	GELC	CAPA-10-27432	10/23/2010	PCAO-8	9.7
11-249	SVOA	GELC	CAPA-10-27432	10/23/2010	PCAO-8	9.7
11-249	VOA	GELC	CAPA-10-27426	10/23/2010	PCAO-8	9.7

Request	Suite	Lab	Sample	Date	Location	Port Depth (ft)
11-249	VOA	GELC	CAPA-10-27432	10/23/2010	PCAO-8	9.7
11-252	HEXP	STSL	CAPA-10-27415	10/21/2010	R-18	1358
11-92	HEXP	GELC	CAPA-10-26906	10/7/2010	PCAO-7c	9.7
11-92	HEXP	GELC	CAPA-10-27418	10/7/2010	R-49	845
11-92	HEXP	GELC	CAPA-10-27423	10/7/2010	R-49	905.6
11-92	PEST/PCB	GELC	CAPA-10-27418	10/7/2010	R-49	845
11-92	PEST/PCB	GELC	CAPA-10-27423	10/7/2010	R-49	905.6
11-92	RAD	GELC	CAPA-10-26906	10/7/2010	PCAO-7c	9.7
11-92	RAD	GELC	CAPA-10-27418	10/7/2010	R-49	845
11-92	RAD	GELC	CAPA-10-27423	10/7/2010	R-49	905.6
11-92	SVOA	GELC	CAPA-10-26906	10/7/2010	PCAO-7c	9.7
11-92	SVOA	GELC	CAPA-10-27418	10/7/2010	R-49	845
11-92	SVOA	GELC	CAPA-10-27423	10/7/2010	R-49	905.6
11-92	VOA	GELC	CAPA-10-26906	10/7/2010	PCAO-7c	9.7
11-92	VOA	GELC	CAPA-10-26907	10/7/2010	PCAO-7c	9.7
11-92	VOA	GELC	CAPA-10-27418	10/7/2010	R-49	845
11-92	VOA	GELC	CAPA-10-27419	10/7/2010	R-49	845
11-92	VOA	GELC	CAPA-10-27421	10/7/2010	R-49	905.6
11-92	VOA	GELC	CAPA-10-27423	10/7/2010	R-49	905.6
11-93	GENINORG	GELC	CAPA-10-26905	10/7/2010	PCAO-7c	9.7
11-93	GENINORG	GELC	CAPA-10-26906	10/7/2010	PCAO-7c	9.7
11-93	GENINORG	GELC	CAPA-10-27418	10/7/2010	R-49	845
11-93	GENINORG	GELC	CAPA-10-27420	10/7/2010	R-49	845
11-93	GENINORG	GELC	CAPA-10-27422	10/7/2010	R-49	905.6
11-93	GENINORG	GELC	CAPA-10-27423	10/7/2010	R-49	905.6
11-93	METALS	GELC	CAPA-10-26905	10/7/2010	PCAO-7c	9.7
11-93	METALS	GELC	CAPA-10-26906	10/7/2010	PCAO-7c	9.7
11-93	METALS	GELC	CAPA-10-27418	10/7/2010	R-49	845
11-93	METALS	GELC	CAPA-10-27420	10/7/2010	R-49	845
11-93	METALS	GELC	CAPA-10-27422	10/7/2010	R-49	905.6
11-93	METALS	GELC	CAPA-10-27423	10/7/2010	R-49	905.6
11-94	HEXP	GELC	CAPA-10-26874	10/8/2010	Pajarito below confluences of South and North Anchor East Basin	—[h]
11-94	HEXP	GELC	CAPA-10-26883	10/8/2010	Bulldog Spring	—
11-94	HEXP	GELC	CAPA-10-26884	10/8/2010	Kieling Spring	—
11-94	RAD	GELC	CAPA-10-26874	10/8/2010	Pajarito below confluences of South and North Anchor East Basin	—
11-94	RAD	GELC	CAPA-10-26883	10/8/2010	Bulldog Spring	—
11-94	RAD	GELC	CAPA-10-26884	10/8/2010	Kieling Spring	—
11-94	SVOA	GELC	CAPA-10-26874	10/8/2010	Pajarito below confluences of South and North Anchor East Basin	—

Request	Suite	Lab	Sample	Date	Location	Port Depth (ft)
11-94	SVOA	GELC	CAPA-10-26883	10/8/2010	Bulldog Spring	—
11-94	SVOA	GELC	CAPA-10-26884	10/8/2010	Kieling Spring	—
11-94	VOA	GELC	CAPA-10-26872	10/8/2010	Pajarito below confluences of South and North Anchor East Basin	—
11-94	VOA	GELC	CAPA-10-26874	10/8/2010	Pajarito below confluences of South and North Anchor East Basin	—
11-94	VOA	GELC	CAPA-10-26881	10/8/2010	Bulldog Spring	—
11-94	VOA	GELC	CAPA-10-26883	10/8/2010	Bulldog Spring	—
11-94	VOA	GELC	CAPA-10-26884	10/8/2010	Kieling Spring	—
11-94	VOA	GELC	CAPA-10-26886	10/8/2010	Kieling Spring	—
11-95	GENINORG	GELC	CAPA-10-26873	10/8/2010	Pajarito below confluences of South and North Anchor East Basin	—
11-95	GENINORG	GELC	CAPA-10-26874	10/8/2010	Pajarito below confluences of South and North Anchor East Basin	—
11-95	GENINORG	GELC	CAPA-10-26882	10/8/2010	Bulldog Spring	—
11-95	GENINORG	GELC	CAPA-10-26883	10/8/2010	Bulldog Spring	—
11-95	GENINORG	GELC	CAPA-10-26884	10/8/2010	Kieling Spring	—
11-95	GENINORG	GELC	CAPA-10-26885	10/8/2010	Kieling Spring	—
11-95	METALS	GELC	CAPA-10-26873	10/8/2010	Pajarito below confluences of South and North Anchor East Basin	—
11-95	METALS	GELC	CAPA-10-26874	10/8/2010	Pajarito below confluences of South and North Anchor East Basin	—
11-95	METALS	GELC	CAPA-10-26882	10/8/2010	Bulldog Spring	—
11-95	METALS	GELC	CAPA-10-26883	10/8/2010	Bulldog Spring	—
11-95	METALS	GELC	CAPA-10-26884	10/8/2010	Kieling Spring	—
11-95	METALS	GELC	CAPA-10-26885	10/8/2010	Kieling Spring	—
11-96	SVOA	GELC	CAPA-10-27401	10/8/2010	R-41	965.3
11-96	SVOA	GELC	CAPA-10-27402	10/8/2010	R-41	965.3
11-96	SVOA	GELC	CAPA-10-27405	10/8/2010	R-41	965.3
11-96	SVOA	GELC	CAPA-10-27409	10/8/2010	R-39	859
11-96	VOA	GELC	CAPA-10-27400	10/8/2010	R-41	965.3
11-96	VOA	GELC	CAPA-10-27401	10/8/2010	R-41	965.3
11-96	VOA	GELC	CAPA-10-27402	10/8/2010	R-41	965.3
11-96	VOA	GELC	CAPA-10-27405	10/8/2010	R-41	965.3
11-96	VOA	GELC	CAPA-10-27409	10/8/2010	R-39	859
11-96	VOA	GELC	CAPA-10-27410	10/8/2010	R-39	859
11-97	GENINORG	GELC	CAPA-10-27402	10/8/2010	R-41	965.3
11-97	GENINORG	GELC	CAPA-10-27403	10/8/2010	R-41	965.3
11-97	GENINORG	GELC	CAPA-10-27404	10/8/2010	R-41	965.3
11-97	GENINORG	GELC	CAPA-10-27405	10/8/2010	R-41	965.3
11-97	GENINORG	GELC	CAPA-10-27409	10/8/2010	R-39	859
11-97	GENINORG	GELC	CAPA-10-27411	10/8/2010	R-39	859

Request	Suite	Lab	Sample	Date	Location	Port Depth (ft)
11-97	METALS	GELC	CAPA-10-27402	10/8/2010	R-41	965.3
11-97	METALS	GELC	CAPA-10-27403	10/8/2010	R-41	965.3
11-97	METALS	GELC	CAPA-10-27404	10/8/2010	R-41	965.3
11-97	METALS	GELC	CAPA-10-27405	10/8/2010	R-41	965.3
11-97	METALS	GELC	CAPA-10-27409	10/8/2010	R-39	859
11-97	METALS	GELC	CAPA-10-27411	10/8/2010	R-39	859

[a] GENINORG = General inorganics.

[b] SVOA = Semivolatile organic analysis.

[c] VOA = Volatile organic analysis.

[d] DIOX/FUR = Dioxins and furans.

[e] HEXP = High explosives.

[f] PEST/PCB = Pesticides/polychlorinated biphenyls.

[g] RAD = Radionuclides.

[h] — = Not applicable.

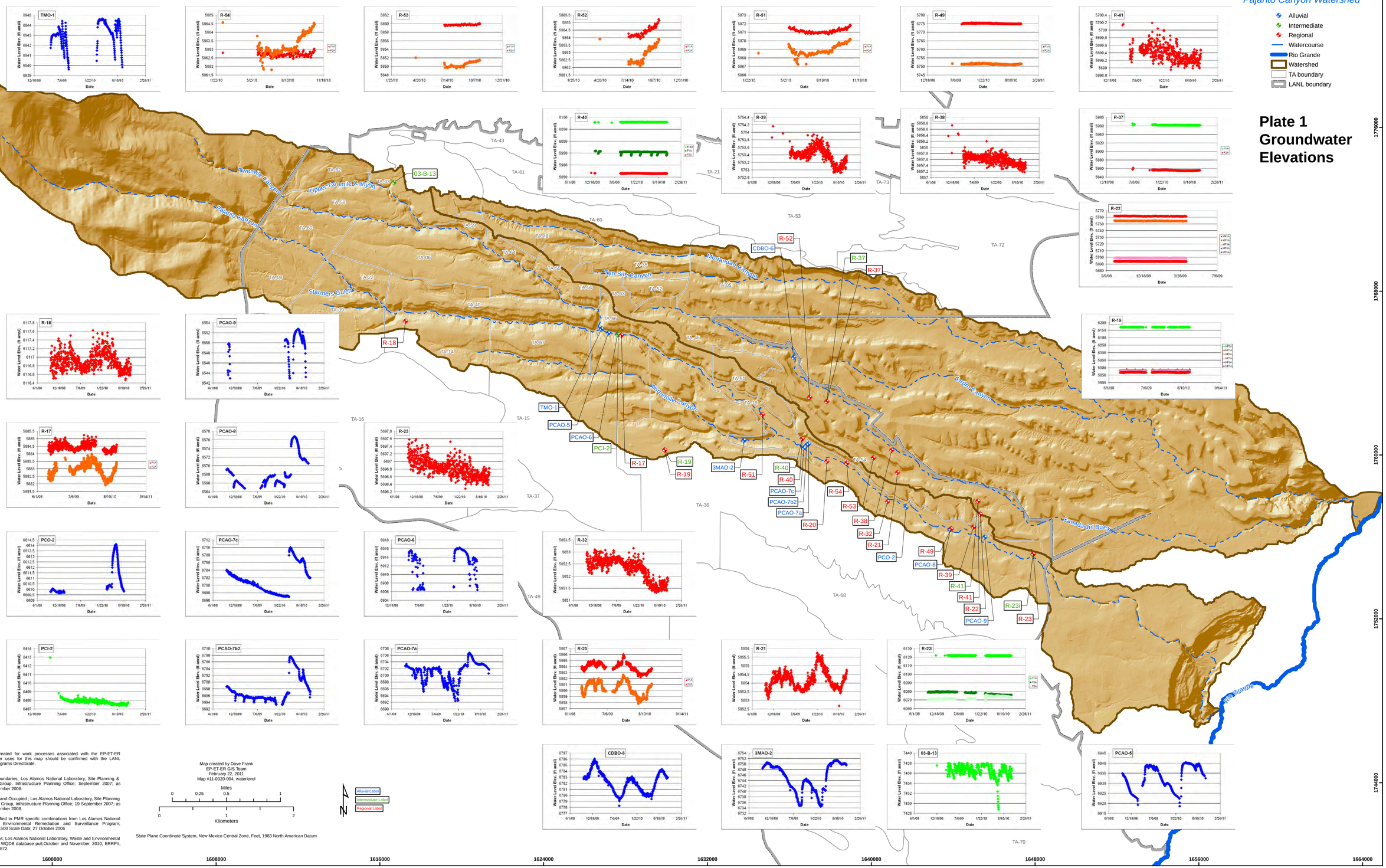
Plate 1
Groundwater Elevations

Pajarito Canyon Watershed

- Alluvial
- Intermediate
- Regional
- Watercourse
- Rio Grande
- Watershed
- TA boundary
- LANL boundary

1600000 1608000 1616000 1624000 1632000 1640000 1648000 1656000 1664000

1776000 1768000 1760000 1752000 1744000



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This map was created for work processes associated with the EP-ET-ER division. All other uses for this map should be confirmed with the LANL Environmental Programs Directorate.

DATA SOURCES:
Technical Area Boundaries; Los Alamos National Laboratory, Site Planning & Project Initiation Group, Infrastructure Planning Office; September 2007; as published 04 December 2008.

LANL Areas Used and Occupied ; Los Alamos National Laboratory, Site Planning & Project Initiation Group, Infrastructure Planning Office; 19 September 2007; as published 04 December 2008.

Watersheds; Modified to PMR specific combinations from Los Alamos National Laboratory, ENV Environmental Remediation and Surveillance Program; EP2006-0942; 1:2,500 Scale Data; 27 October 2006

Sampling Locations; Los Alamos National Laboratory, Waste and Environmental Services Division; WQDB database pull,October and November, 2010; ERRP#, PKG-1729, PKG-1872.

Map created by Dave Frank
EP-ET-ER GIS Team
February 22, 2011
Map #11-0020-004, waterlevel

Miles
0 0.25 0.5 1
0 1 2
Kilometers

Alluvial Label
Intermediate Label
Regional Label

State Plane Coordinate System, New Mexico Central Zone, Feet, 1983 North American Datum